

Indicators of Alcohol and Other Drug Risk and Consequences for California Counties



*Orange
County*

2010

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INTRODUCTION

In the mid-1990s, the California Department of Alcohol and Drug Programs, in collaboration with the Center for Applied Research Solutions (CARS), Inc. began to work toward improving the state's prevention information system. A key component of this information system was the continuous collection, monitoring and reporting of selected community-level indicators that would serve as direct and indirect measures of alcohol and other drug use prevalence and related problems. This information system was designed to assist with state and local prevention planning and policy-making by providing useful, systematic data about prevention and treatment needs and outcomes throughout the state.

The present report is the most recent product of this ongoing effort. It differs from earlier versions in a few important ways.

- First, while previous reports typically summarized data for more than twenty-five indicators of health and social conditions that are theoretically linked to problem substance use, the current version is more streamlined, focusing on seven key indicators of AOD use and abuse prevalence and their direct consequences, including impacts on the criminal justice, health and alcohol and drug treatment systems.
- Second, the 2010 report updates information contained in earlier versions, but expands in its depth to summarize data for populations within the larger county, including age, gender, and race/ethnicity sub-groups. This expanded detail allows for more precise analyses of alcohol and drug use problems within a county population and enhances the ability to effectively target prevention and intervention strategies to community needs.

Similar to previous reports, the 2010 version includes simple analytic tools to help users interpret the information presented. This includes use of population-based rates (e.g., the number of incidents relative to the total population) to make meaningful comparisons between geographic areas that differ in population size, or comparisons between differing time points. Data is presented at both the county and state level to allow county rates to be evaluated against a relative average.

The overall intent of the report is to provide a simple, easy-to-use resource that helps synthesize the most relevant indicator data currently available to assess substance use problems, in an effort to optimize prevention planning and outcome measurement efforts in communities through the state. Specifically, it is designed to support the work of planners, policy-makers, and practitioners in the field in:

- Determining the incidence of alcohol and other drug use problems within county populations and sub-populations;
- Monitoring trends in problem incidence to identify emergent issues and detect changes in status over time;
- Establishing program resource levels that are appropriate to address the nature and extent of prevention and treatment needs; and,
- Documenting progress toward achieving targeted prevention objectives and outcomes.

The report contains information on several key indicators of alcohol and drug prevalence and consequences for California populations in each of the following seven indicators:

1. Household prevalence of past year binge drinking;
2. Admissions to publicly-funded and/or monitored alcohol and other drug treatment facilities;
3. Arrests for drug-related criminal offenses;
4. Arrests for alcohol-related criminal offenses;
5. Motor vehicle accidents involving drivers who had been drinking;
6. Hospitalizations for alcohol and drug-related conditions; and,
7. Mortality attributable to acute and chronic alcohol and drug use.

Each report contains data compiled from several sources, including a statewide, longitudinal survey of California household populations, and state data systems housing public archival records from six central agencies, including the California Department of Justice (DOJ), the California Highway Patrol (CHP), the California Department of Public Health, Vital Statistics Section, the Office of Statewide Health Planning and Development (OSHPD), the Department of Alcohol and Drug Programs (ADP), and the University of California, Los Angeles (UCLA). This reliance on statewide data sources ensures that the information reported is drawn from reliable and valid measures that are routinely and uniformly collected across jurisdictions (i.e., all counties use the same data collection), allowing for comparisons over time, across counties, and between counties and the state.

KEY FINDINGS

Indicator 1: Prevalence of Past Year Binge Drinking

- Approximately 31 percent of Orange County residents age 18 and older participated in binge drinking in 2007 compared to the statewide rate of 30 percent.
- Males participated in binge drinking much more frequently than females (41 percent versus 21 percent) in 2007.

Indicator 2: Admissions to Alcohol and Other Drug Treatment

- Overall, admission rates to treatment facilities in Orange County have decreased slightly since 2000. In 2000 there were about 465 admissions per 100,000 compared to 406 admissions per 100,000 in 2008. Orange County's AOD admission rate was lower than the state overall each year. There may be differences in detoxification and non-detoxification service admission trends that affect this overall trend (see "Treatment Data Clarifications" section on page 9 for detail).
- Admissions due to methamphetamine use accounted for 42 percent of all admissions in 2008. Admissions due to alcohol use accounted for roughly 18 percent of admissions, marijuana for 11 percent of admissions, heroin for 21 percent of admissions, and crack/cocaine for 5 percent in 2008.
- Admission rates were highest among Blacks and American Indians, 941 and 780 per 100,000 in 2008, respectively.
- The highest rate of admissions was for 25 to 34 year olds with a rate of 862 per 100,000 in 2008. The next highest rate was for 18 to 24 year olds with a rate of 784 per 100,000. The next highest rate was for 35 to 44 year olds at a rate of 702 per 100,000.

Indicator 3: Arrests for Drug-Related Crime

- Crime rates for felony and misdemeanor drug offenses decreased slightly from 838 per 100,000 in 2000 to 835 per 100,000 in 2008. Orange County's drug arrest rate was lower than the state each year except in 2003 and 2005 when it peaked higher than the state rate.
- Arrests due to dangerous drug offenses accounted for approximately 21 percent in 2008, narcotics for roughly 14 percent of drug arrests, marijuana for 40 percent of drug arrests, and 26 percent of drug arrests in 2008 were for other drug violations.
- Drug arrest rates were highest among Blacks at 2,444 per 100,000 in 2008, respectively. These rates were much higher than each other race/ethnicity group each year.
- The highest rate of arrests for drug-related crime was for 18 to 24 year olds with a rate of 2,656 per 100,000 in 2008. The next highest rate was for 25 to 34 year olds with a rate of 1,196 per 100,000.

Indicator 4: Arrests for Alcohol-Related Crime

- Crime rates for felony and misdemeanor alcohol offenses decreased from 1,080 per 100,000 in 2000 to 1,054 per 100,000 in 2008. Orange County's alcohol arrest rate was lower than the state overall each year.
- Arrests due to driving-under-the-influence accounted for approximately 67 percent in 2008, public drunkenness for roughly 24 percent of alcohol arrests, and 9 percent of alcohol arrests in 2008 were for liquor law violations.
- The highest rate of arrests for alcohol-related crime was for 18 to 24 year olds with a rate of 2,725 per 100,000 in 2008. The next highest rate was for 25 to 34 year olds with a rate of 1,708 per 100,000.

Indicator 5: Alcohol-Involved Motor Vehicle Accidents

- The rate of fatalities in alcohol-involved accidents was lower than the state overall each year.
- Males accounted for nearly 75 percent of total parties who had been drinking in alcohol-involved accidents in 2008. During this year Blacks had the rate of 205 per 100,000, Hispanics had 137 per 100,000 and Whites had 119 per 100,000.
- 18 to 24 year olds (406 per 100,000) accounted for the highest rate of parties who had been drinking in alcohol-involved accidents in 2008. The next highest rate was for 25 to 34 year olds with a rate of 270 per 100,000.

Indicator 6: Hospitalizations Due to Alcohol and Drug Use

- The rate of hospitalizations due to alcohol and drug use decreased from 215 per 100,000 in 2000 to 209 per 100,000 in 2007. Orange County's AOD hospitalization rate was lower than the state each year until 2007 when it slightly exceeded it.
- The rate of hospitalizations due to alcohol-related causes decreased from 103 per 100,000 in 2000 to 99 per 100,000 in 2007. Orange County's alcohol-related hospitalization rate was lower than the state each year until 2003 when it exceeded it.
- The rate of hospitalizations due to drug-related causes slightly decreased from 112 per 100,000 in 2000 to 110 per 100,000 in 2007. Orange County's drug-related hospitalization rate was lower than the state overall each year.

Indicator 7: Deaths Due to Alcohol and Drug Use

- The death rate due to alcohol and drug use increased between 2000 and 2007 from 13.35 deaths per 100,000 to 18.35 deaths per 100,000. Orange County's AOD mortality rate was lower than the state overall each year.
- The death rate due to alcohol use increased between 2000 and 2007 from 6.15 per 100,000 to 9.34 per 100,000, below the statewide rates.
- The death rate due to drug use increased between 2000 and 2007 from 6.39 per 100,000 to 9.40 per 100,000, below the statewide rates.

Key Indicators of Community Alcohol and Drug Use • Orange County

	2000	2001	2002	2003	2004	2005	2006	2007	2008	Three Year Average
INDICATOR 1: Past Year Binge Drinking										
County Percentage of Total Respondents	•	•	•	•	•	•	•	31.1%	•	
State Percentage of Total Respondents	•	•	•	•	•	•	•	29.7%	•	
County Ranking (of 44 Counties)	•	•	•	•	•	•	•	21	•	
INDICATOR 2: Admissions to Alcohol and Other Drug Treatment										
County Rate per 100,000 Total Population	465.18	490.36	495.60	430.24	416.47	382.73	406.22	438.40	405.88	416.83
State Rate per 100,000 Population 10 to 69 Years	647.98	706.60	703.16	668.97	645.41	643.64	599.12	602.30	591.63	597.68
County Ranking (of 49 Counties)	38	44	43	46	48	48	47	43	45	45
INDICATOR 3: Arrests for Drug-Related Offenses										
County Rate per 100,000 Population 10 to 69 Years	837.67	829.93	882.22	987.50	961.06	1,037.75	993.16	897.47	835.37	908.67
State Rate per 100,000 Population 10 to 69 Years	961.65	931.02	940.74	986.91	1,023.80	1,070.18	1,040.85	997.25	910.20	982.76
County Ranking (of 58 Counties)	34	37	33	26	31	28	28	33	31	31
INDICATOR 4: Arrests for Alcohol-Related Offenses										
County Rate per 100,000 Population 10 to 69 Years	1,079.57	969.81	928.57	976.27	939.94	872.10	986.25	1,004.75	1,053.61	1,014.87
State Rate per 100,000 Population 10 to 69 Years	1,238.01	1,167.40	1,126.00	1,129.17	1,087.87	1,045.21	1,123.22	1,159.68	1,203.37	1,162.09
County Ranking (of 58 Counties)	54	56	55	54	54	55	55	55	53	55
INDICATOR 5: Alcohol-Involved Motor Vehicle Accident Fatalities										
County Rate per 100,000 Total Population	2.13	2.74	2.40	2.33	2.20	2.75	2.76	2.66	2.09	2.51
State Rate per 100,000 Total Population	3.62	3.76	3.99	4.01	4.00	4.26	4.27	3.94	3.54	3.92
County Ranking (of 58 Counties)	54	48	47	51	52	47	49	43	52	53
INDICATOR 6: Alcohol and Drug Use Hospitalizations										
County Rate per 100,000 Total Population	214.89	203.24	194.53	196.41	189.26	187.74	189.71	208.54	•	195.33
State Rate per 100,000 Total Population	222.67	218.35	217.21	215.37	211.97	204.50	201.00	205.44	•	203.65
County Ranking (of 50 Counties)	20	18	22	21	24	28	26	16	•	24
INDICATOR 7: Deaths Due to Alcohol and Drug Use										
County Rate per 100,000 Total Population	13.35	15.71	15.31	15.96	11.81	15.99	16.77	18.35	•	17.04
State Rate per 100,000 Total Population	19.03	19.22	20.10	20.90	20.86	21.40	21.27	21.46	•	21.38
County Ranking (of 58 Counties)	44	46	50	47	55	50	43	42	•	49

• Data not available for reporting year.

Indicator 1: Prevalence of Past Year Binge Drinking

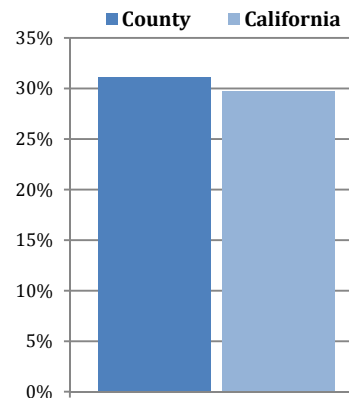
The estimated number and percent of persons 18 years and older who reported any binge drinking in the past year.

Table/Figure 1.1

Estimated Number and Percent of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year with Comparison to Statewide Rates

2007	Orange County	State of California
Estimated Number *	702,000	7,973,000
Estimated Population 18 and over	225,6000	26,874,000
Percent of Total Population	31.1%	29.7%

* Estimates rounded to the nearest thousand.

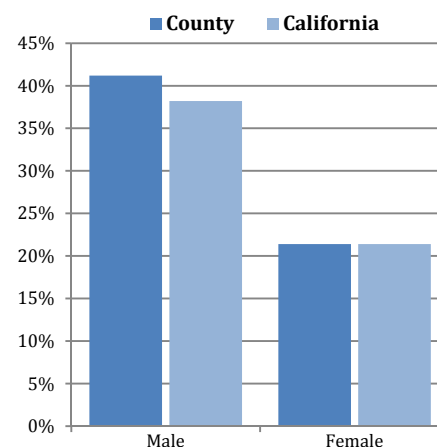


Table/Figure 1.2

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Gender

2007	Orange County	State of California
Male	Estimated Number *	457,000
	Estimated Population	1,109,000
	Percent of Population	41.2%
Female	Estimated Number *	246,000
	Estimated Population	1,148,000
	Percent of Population	21.4%

* Estimates rounded to the nearest thousand.



Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

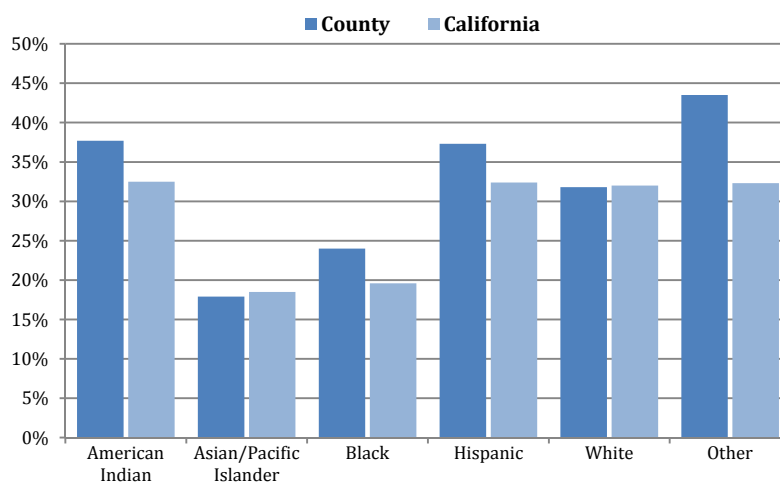
Table 1.3

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Race/Ethnicity

2007		Orange County	State of California
American Indian	Estimated Number *	4,000	55,000
	Estimated Population	10,000	170,000
	Percent of Population	37.7%	32.5%
Asian/Pacific Islander	Estimated Number *	69,000	650,000
	Estimated Population	384,000	3,507,000
	Percent of Population	17.9%	18.5%
Black	Estimated Number *	7,000	301,000
	Estimated Population	31,000	1,531,000
	Percent of Population	24.0%	19.6%
Hispanic	Estimated Number *	255,000	2,745,000
	Estimated Population	682,000	8,469,000
	Percent of Population	37.3%	32.4%
White	Estimated Number *	358,000	4,093,000
	Estimated Population	1,126,000	12,797,000
	Percent of Population	31.8%	32.0%
Other	Estimated Number *	10,000	129,000
	Estimated Population	23,000	401,000
	Percent of Population	43.5%	32.3%

* Estimates rounded to the nearest thousand.

Figure 1.3
Past Year Binge
Drinking in Orange
County by
Race/Ethnicity



Indicator 1: Prevalence of Past Year Binge Drinking (Continued)

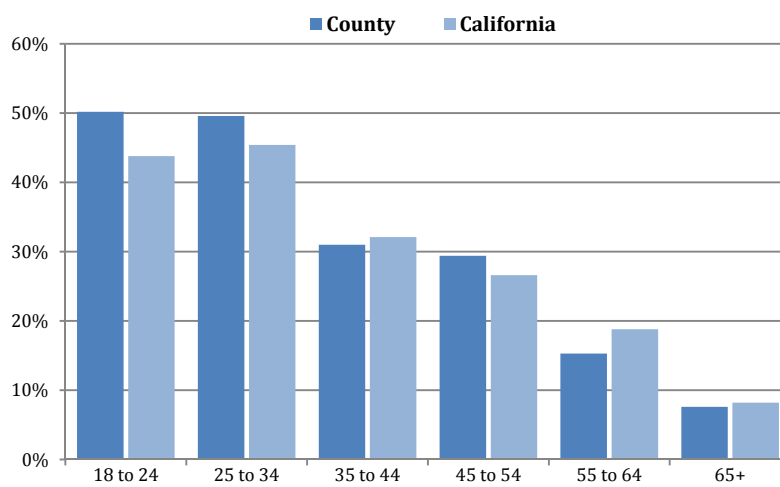
Table 1.4

Estimated Number of Persons 18 Years and Older Reporting Any Binge Drinking in the Past Year by Age Category

2007		Orange County	State of California
18 to 24	Estimated Number *	147,000	1,620,000
	Estimated Population	292,000	3,703,000
	Percent of Population	50.2%	43.8%
25 to 34	Estimated Number *	194,000	2,147,000
	Estimated Population	391,000	4,733,000
	Percent of Population	49.6%	45.4%
35 to 44	Estimated Number *	171,000	1,795,000
	Estimated Population	553,000	5,593,000
	Percent of Population	31.0%	32.1%
45 to 54	Estimated Number *	121,000	1,390,000
	Estimated Population	414,000	5,219,000
	Percent of Population	29.4%	26.6%
55 to 64	Estimated Number *	45,000	700,000
	Estimated Population	296,000	3,724,000
	Percent of Population	15.3%	18.8%
65 and Over	Estimated Number *	23,000	321,000
	Estimated Population	310,000	3,901,000
	Percent of Population	7.6%	8.2%

* Estimates rounded to the nearest thousand.

Figure 1.4
Past Year Binge
Drinking in Orange
County by Age
Category



Indicator 2: Admissions to Alcohol and Other Drug Treatment

The number of admissions to publicly funded alcohol and other drug treatment facilities in California and rate of admission per 100,000 total population.

Treatment Data Clarifications

Findings for Indicator 2: Admissions to Alcohol and Other Drug Treatment are based on total admissions rather than unique client counts. Clients with multiple treatment admissions during the year tend to bias the demographic and service characteristics described. These findings include admissions for both detoxification and other treatment services. Detoxification services are short term, often repeated numerous times, and used primarily for alcohol or heroin treatment. The inclusion of admissions to detoxification services biases the demographic and service characteristics described.

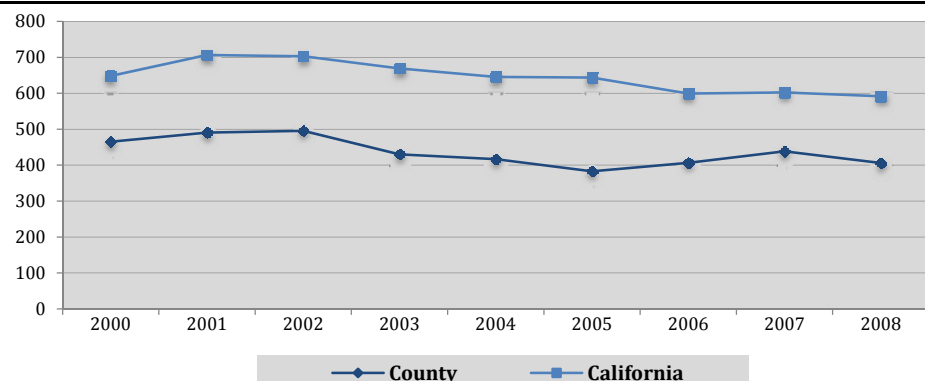
The Substance Abuse Crime Prevention Act (SACPA) was implemented in July 2001. Clients referred by the criminal justice system compete for limited treatment services resources and are often given priority over clients referred by other sources. In 2000, criminal justice referrals made up only 26 percent of all admissions. By 2004, criminal justice referrals made up 42% of the admissions. The influx of these clients with their specific demographic and service characteristics impact the makeup of the treatment population described in the key findings. For instance, clients referred by the criminal justice system rarely use detoxification services, and more often have a primary drug other than alcohol. Also, SACPA referred clients do not frequently use narcotic replacement treatment for heroin/opiate abuse. Consequently, the number of admissions to detoxification services has decreased as well as the number of admissions with alcohol or heroin as their primary drug problem compared with pre-SACPA levels.

Table 2.1

Number of Admissions to Alcohol and Other Drug Treatment and Rate per 100,000 Total Population with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of Treatment Admissions	13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	465.18	490.36	495.60	430.24	416.47	382.73	406.22	438.40	405.88
CALIFORNIA Rate per 100,000	647.98	706.60	703.16	668.97	645.41	643.64	599.12	602.30	591.63

Figure 2.1
Orange County
Treatment
Admission Rate
per 100,000 Total
Population with
Comparison to
Statewide Rates



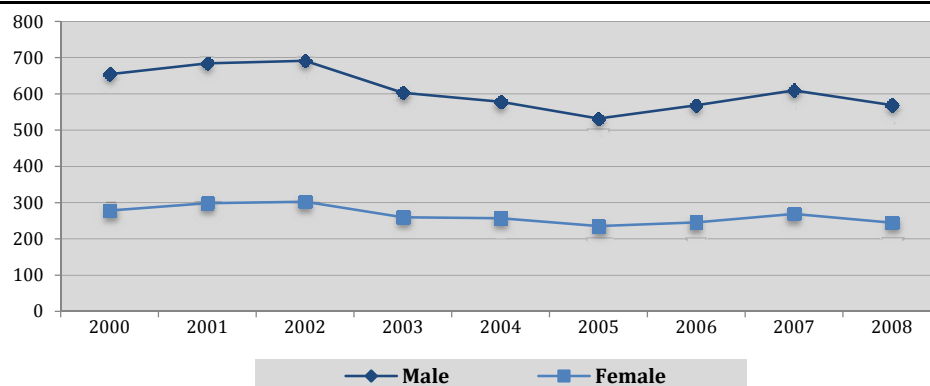
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table/Figure 2.2

Admissions to Alcohol and Other Drug Treatment by Client Gender, Rate per 100,000 Population, and Percent of Total Admissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS	13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
Male	9,319	9,928	10,175	9,006	8,728	8,084	8,697	9,436	8,911
Population	1,424,001	1,450,691	1,472,384	1,493,332	1,509,442	1,519,684	1,529,602	1,547,557	1,565,584
Rate per 100,000	654.42	684.36	691.06	603.08	578.23	531.95	568.58	609.74	569.18
Percent of Total	70.0%	69.4%	69.3%	69.6%	69.0%	69.0%	69.5%	69.1%	69.6%
Female	4,003	4,384	4,510	3,927	3,927	3,624	3,804	4,217	3,880
Population	1,439,833	1,467,991	1,490,676	1,512,658	1,529,228	1,539,376	1,548,793	1,567,854	1,587,058
Rate per 100,000	278.02	298.64	302.55	259.61	256.80	235.42	245.61	268.97	244.48
Percent of Total	30.0%	30.6%	30.7%	30.4%	31.0%	31.0%	30.4%	30.9%	30.3%
Unknown	0	0	0	0	0	0	4	5	5
Percent of Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Figure 2.2
Orange County
Treatment
Admission Rate
per 100,000
Population by
Client Gender



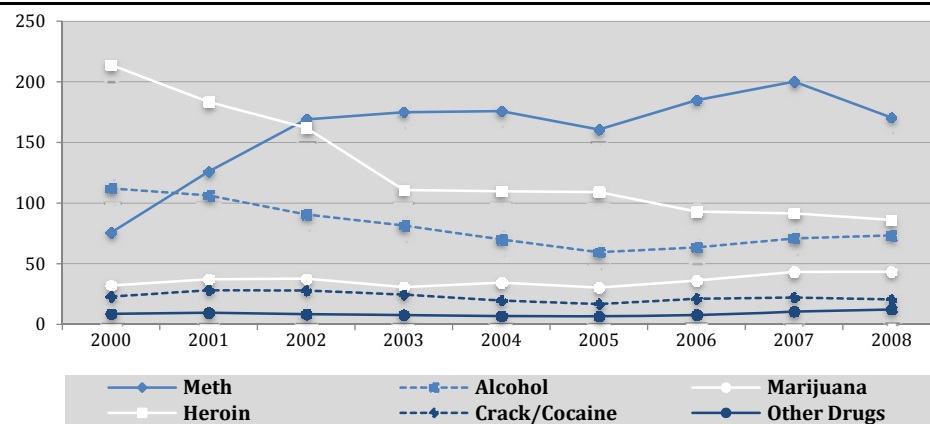
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.3

Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS	13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
Methamphetamines	2,167	3,674	5,007	5,258	5,341	4,915	5,689	6,235	5,372
Percent of Total	16.3%	25.7%	34.1%	40.7%	42.2%	42.0%	45.5%	45.7%	42.0%
Rate per 100,000	75.67	125.88	168.98	174.92	175.77	160.67	184.80	200.13	170.40
Alcohol	3,209	3,101	2,684	2,449	2,127	1,817	1,953	2,208	2,310
Percent of Total	24.1%	21.7%	18.3%	18.9%	16.8%	15.5%	15.6%	16.2%	18.1%
Rate per 100,000	112.05	106.25	90.58	81.47	70.00	59.40	63.44	70.87	73.27
Marijuana	919	1,085	1,116	925	1,047	927	1,110	1,347	1,367
Percent of Total	6.9%	7.6%	7.6%	7.2%	8.3%	7.9%	8.9%	9.9%	10.7%
Rate per 100,000	32.09	37.17	37.66	30.77	34.46	30.30	36.06	43.24	43.36
Heroin	6,123	5,352	4,803	3,330	3,336	3,337	2,861	2,850	2,714
Percent of Total	46.0%	37.4%	32.7%	25.7%	26.4%	28.5%	22.9%	20.9%	21.2%
Rate per 100,000	213.80	183.37	162.10	110.78	109.78	109.09	92.94	91.48	86.09
Crack/Cocaine	656	820	826	738	595	512	648	690	646
Percent of Total	4.9%	5.7%	5.6%	5.7%	4.7%	4.4%	5.2%	5.1%	5.0%
Rate per 100,000	22.91	28.09	27.88	24.55	19.58	16.74	21.05	22.15	20.49
Other Drugs	248	280	249	233	209	200	244	328	387
Percent of Total	1.9%	2.0%	1.7%	1.8%	1.7%	1.7%	2.0%	2.4%	3.0%
Rate per 100,000	8.66	9.59	8.40	7.75	6.88	6.54	7.93	10.53	12.28

Figure 2.3
Orange County
Treatment
Admission Rate
per 100,000
Population by
Primary Drug Type



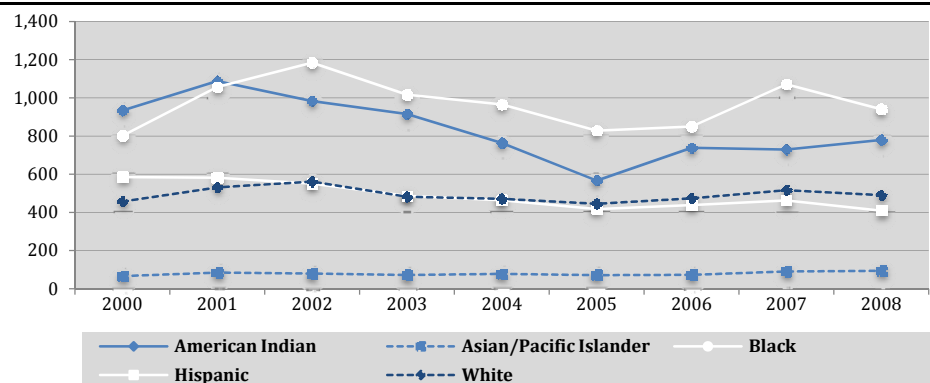
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.4

Admissions to Alcohol and Other Drug Treatment by Client Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Admissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS	13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
American Indian	84	107	102	99	84	63	83	85	94
Population	8,992	9,833	10,374	10,821	11,006	11,122	11,238	11,650	12,059
Rate per 100,000	934.16	1,088.17	983.23	914.89	763.22	566.44	738.57	729.61	779.50
Percent of Total	0.6%	0.7%	0.7%	0.8%	0.7%	0.5%	0.7%	0.6%	0.7%
Asian/Pacific Islander	270	361	352	328	364	340	349	444	474
Population	406,727	426,549	441,981	456,972	468,096	474,360	479,118	491,871	504,548
Rate per 100,000	66.38	84.63	79.64	71.78	77.76	71.68	72.84	90.27	93.95
Percent of Total	2.0%	2.5%	2.4%	2.5%	2.9%	2.9%	2.8%	3.3%	3.7%
Black	349	462	519	446	423	361	372	472	417
Population	43,532	43,715	43,812	43,881	43,825	43,586	43,759	44,052	44,334
Rate per 100,000	801.71	1,056.85	1,184.61	1,016.39	965.20	828.25	850.11	1,071.46	940.59
Percent of Total	2.6%	3.2%	3.5%	3.4%	3.3%	3.1%	3.0%	3.5%	3.3%
Hispanic	5,188	5,335	5,203	4,732	4,623	4,253	4,560	4,950	4,494
Population	886,127	917,263	945,164	972,154	996,501	1,018,365	1,040,486	1,069,277	1,098,505
Rate per 100,000	585.47	581.62	550.49	486.75	463.92	417.63	438.26	462.93	409.10
Percent of Total	38.9%	37.3%	35.4%	36.6%	36.5%	36.3%	36.5%	36.2%	35.1%
White	6,732	7,821	8,262	7,074	6,896	6,464	6,842	7,425	7,026
Population	1,472,752	1,473,139	1,470,977	1,468,792	1,463,248	1,452,952	1,444,413	1,438,475	1,432,398
Rate per 100,000	457.10	530.91	561.67	481.62	471.28	444.89	473.69	516.17	490.51
Percent of Total	50.5%	54.6%	56.3%	54.7%	54.5%	55.2%	54.7%	54.4%	54.9%
Other	699	226	247	254	265	227	299	282	291
Percent of Total	5.2%	1.6%	1.7%	2.0%	2.1%	1.9%	2.4%	2.1%	2.3%

Figure 2.4
Orange County
Treatment
Admission Rate
per 100,000
Population by
Client Race/
Ethnicity



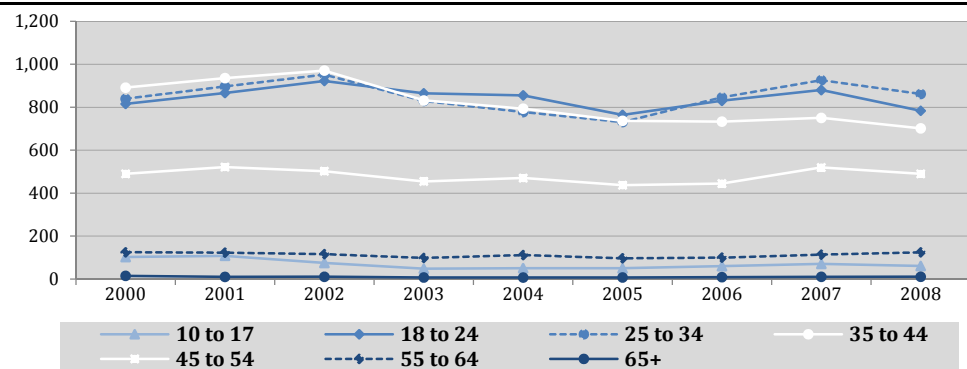
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.5

Admissions to Alcohol and Other Drug Treatment by Client Age Category, Rate per 100,000 Population, and Percent of Total Admissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS	13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
17 Years and Under	790	845	592	384	405	402	482	566	490
Population	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Rate per 100,000	102.50	108.36	75.28	48.48	50.88	50.41	60.36	70.68	61.18
Percent of Total	5.9%	5.9%	4.0%	3.0%	3.2%	3.4%	3.9%	4.1%	3.8%
18 to 24 Years	2,218	2,418	2,619	2,511	2,508	2,240	2,431	2,627	2,401
Population	271,961	279,144	283,996	290,350	293,250	293,065	292,811	298,513	306,432
Rate per 100,000	815.56	866.22	922.20	864.82	855.24	764.34	830.23	880.03	783.53
Percent of Total	16.6%	16.9%	17.8%	19.4%	19.8%	19.1%	19.4%	19.2%	18.8%
25 to 34 Years	3,931	4,200	4,434	3,829	3,535	3,249	3,687	4,036	3,771
Population	468,467	468,451	465,933	461,775	454,664	444,506	435,899	435,851	437,504
Rate per 100,000	839.12	896.57	951.64	829.19	777.50	730.92	845.84	926.00	861.93
Percent of Total	29.5%	29.3%	30.2%	29.6%	27.9%	27.8%	29.5%	29.6%	29.5%
35 to 44 Years	4,271	4,552	4,765	4,110	3,943	3,668	3,647	3,725	3,463
Population	479,221	486,523	490,894	494,246	496,910	497,736	497,423	496,395	493,500
Rate per 100,000	891.24	935.62	970.68	831.57	793.50	736.94	733.18	750.41	701.72
Percent of Total	32.1%	31.8%	32.4%	31.8%	31.2%	31.3%	29.2%	27.3%	27.1%
45 to 54 Years	1,786	1,974	1,949	1,813	1,929	1,843	1,928	2,314	2,233
Population	364,437	378,495	388,061	398,935	410,044	421,704	433,387	445,224	455,738
Rate per 100,000	490.07	521.54	502.24	454.46	470.44	437.04	444.87	519.74	489.97
Percent of Total	13.4%	13.8%	13.3%	14.0%	15.2%	15.7%	15.4%	16.9%	17.5%
55 to 64 Years	283	293	294	263	312	282	301	355	401
Population	226,564	237,843	252,927	266,579	279,053	290,779	301,143	311,754	321,681
Rate per 100,000	124.91	123.19	116.24	98.66	111.81	96.98	99.95	113.87	124.66
Percent of Total	2.1%	2.0%	2.0%	2.0%	2.5%	2.4%	2.4%	2.6%	3.1%
65 Years and Older	43	30	32	23	23	24	29	35	37
Population	282,479	288,434	294,836	301,962	308,825	313,751	319,181	326,916	336,906
Rate per 100,000	15.22	10.40	10.85	7.62	7.45	7.65	9.09	10.71	10.98
Percent of Total	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%

Figure 2.5
Orange County
Treatment
Admission Rate
per 100,000
Population by
Client Age
Category



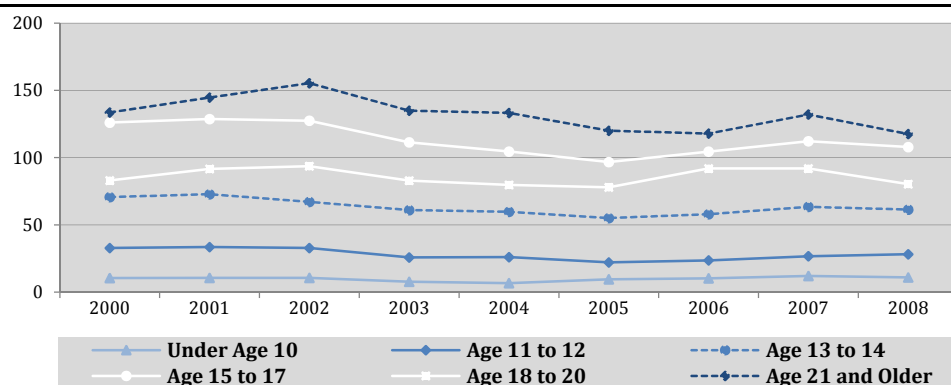
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.6

Characteristics of Clients Admitted to Alcohol and Other Drug Treatment and Rate per 100,000 Population

		2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL COUNTY ADMISSIONS		13,322	14,312	14,685	12,933	12,655	11,708	12,505	13,658	12,796
Age Initiated Substance Use	Under Age 10	299	309	314	232	204	293	317	374	344
	Rate Per 100,000	10.44	10.59	10.60	7.72	6.71	9.58	10.30	12.00	10.91
	Age 11 to 12	940	978	972	775	792	677	727	832	888
	Rate Per 100,000	32.82	33.51	32.80	25.78	26.06	22.13	23.62	26.71	28.17
	Age 13 to 14	2,024	2,124	1,989	1,833	1,816	1,684	1,784	1,977	1,934
	Rate Per 100,000	70.67	72.77	67.13	60.98	59.76	55.05	57.95	63.46	61.35
	Age 15 to 17	3,610	3,756	3,777	3,349	3,176	2,959	3,217	3,496	3,400
	Rate Per 100,000	126.05	128.69	127.47	111.41	104.52	96.73	104.50	112.22	107.85
	Age 18 to 20	2,377	2,674	2,775	2,494	2,423	2,383	2,830	2,864	2,533
	Rate Per 100,000	83.00	91.62	93.65	82.97	79.74	77.90	91.93	91.93	80.35
	Age 21 and Older	3,825	4,223	4,602	4,056	4,049	3,671	3,630	4,115	3,707
	Rate Per 100,000	133.56	144.69	155.31	134.93	133.25	120.00	117.92	132.09	117.58
IV Drug Users										
	Number	5,858	5,440	5,148	3,695	3,731	3,610	3,212	3,344	3,213
	Rate Per 100,000	204.55	186.39	173.74	122.92	122.78	118.01	104.34	107.34	101.91
Pregnant										
	Number	170	246	239	193	185	157	185	179	136
	Female Population	1,439,833	1,467,991	1,490,676	1,512,658	1,529,228	1,539,376	1,548,793	1,567,854	1,587,058
	Rate Per 100,000	11.81	16.76	16.03	12.76	12.10	10.20	11.94	11.42	8.57

Figure 2.6
Orange County Age
of Substance Use
Initiation Rate per
100,000
Population



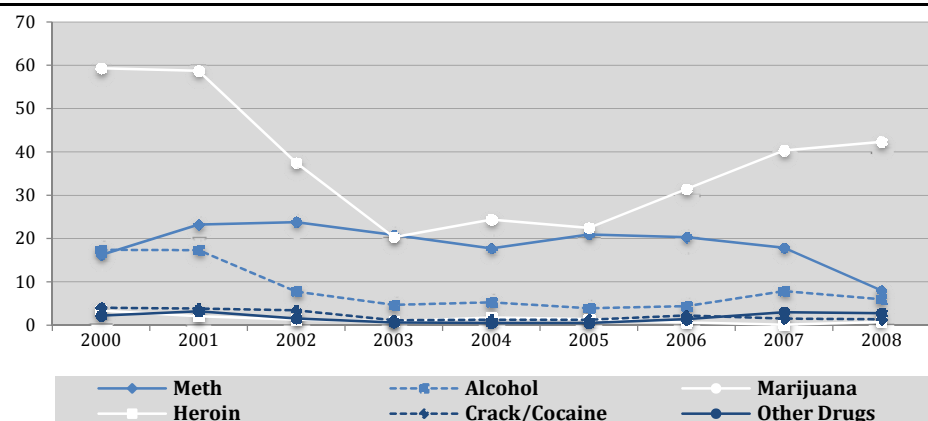
Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.7

AOD Treatment Admissions by Primary Drug Type, Percent of Total Admissions, and Rate per 100,000 Population 0 to 17 Years

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS UNDER AGE 18	790	845	592	384	405	402	482	566	490
Methamphetamines	125	181	187	165	141	167	162	143	64
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	15.8%	21.4%	31.6%	43.0%	34.8%	41.5%	33.6%	25.3%	13.1%
Rate per 100,000	16.22	23.21	23.78	20.83	17.72	20.94	20.29	17.86	7.99
Alcohol	134	135	61	37	42	31	35	63	48
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	17.0%	16.0%	10.3%	9.6%	10.4%	7.7%	7.3%	11.1%	9.8%
Rate per 100,000	17.39	17.31	7.76	4.67	5.28	3.89	4.38	7.87	5.99
Marijuana	457	458	295	161	194	179	251	323	339
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	57.8%	54.2%	49.8%	41.9%	47.9%	44.5%	52.1%	57.1%	69.2%
Rate per 100,000	59.30	58.73	37.51	20.32	24.37	22.44	31.43	40.34	42.33
Heroin	26	16	10	7	14	11	5	1	6
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	3.3%	1.9%	1.7%	1.8%	3.5%	2.7%	1.0%	0.2%	1.2%
Rate per 100,000	3.37	2.05	1.27	0.88	1.76	1.38	0.63	0.12	0.75
Crack/Cocaine	31	30	27	9	10	10	18	12	11
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	3.9%	3.6%	4.6%	2.3%	2.5%	2.5%	3.7%	2.1%	2.2%
Rate per 100,000	4.02	3.85	3.43	1.14	1.26	1.25	2.25	1.50	1.37
Other Drugs	17	25	12	5	4	4	11	24	22
Population 0 to 17	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Percent of Total	2.2%	3.0%	2.0%	1.3%	1.0%	1.0%	2.3%	4.2%	4.5%
Rate per 100,000	2.21	3.21	1.53	0.63	0.50	0.50	1.38	3.00	2.75

Figure 2.7
Orange County
Underage
Treatment
Admission Rate
per 100,000
Population 0 to 17
by Primary Drug
Type



Indicator 2: Admissions to Alcohol and Other Drug Treatment (Continued)

Table 2.8

AOD Treatment Admissions among Youth Under Age 18 by Client Gender and Race/Ethnicity, Rate per 100,000 Population 0 to 17 Years, and Percent of Total Admissions

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ADMISSIONS UNDER AGE 18	790	845	592	384	405	402	482	566	490
Male	581	602	422	263	270	275	349	396	377
Population 0 to 17	395,650	399,913	403,019	405,796	407,601	408,200	408,638	409,801	409,795
Rate per 100,000	146.85	150.53	104.71	64.81	66.24	67.37	85.41	96.63	92.00
Percent of Total	73.5%	71.2%	71.3%	68.5%	66.7%	68.4%	72.4%	70.0%	76.9%
Female	209	243	170	121	135	127	133	170	113
Population 0 to 17	375,055	379,879	383,394	386,347	388,323	389,319	389,913	390,957	391,086
Rate per 100,000	55.73	63.97	44.34	31.32	34.76	32.62	34.11	43.48	28.89
Percent of Total	26.5%	28.8%	28.7%	31.5%	33.3%	31.6%	27.6%	30.0%	23.1%
American Indian	7	3	0	0	5	3	3	3	3
Population 0 to 17	2,170	2,326	2,371	2,377	2,291	2,193	2,122	2,168	2,192
Rate per 100,000	322.58	128.98	0.00	0.00	218.25	136.80	141.38	138.38	136.86
Percent of Total	0.9%	0.4%	0.0%	0.0%	1.2%	0.7%	0.6%	0.5%	0.6%
Asian/Pacific Islander	33	34	18	9	12	7	13	22	14
Population 0 to 17	97,158	100,136	101,778	103,563	104,977	105,066	105,146	107,220	109,383
Rate per 100,000	33.97	33.95	17.69	8.69	11.43	6.66	12.36	20.52	12.80
Percent of Total	4.2%	4.0%	3.0%	2.3%	3.0%	1.7%	2.7%	3.9%	2.9%
Black	18	30	17	9	12	6	6	13	8
Population 0 to 17	12,100	11,815	11,431	11,034	10,601	10,156	9,955	9,755	9,538
Rate per 100,000	148.76	253.91	148.72	81.57	113.20	59.08	60.27	133.26	83.88
Percent of Total	2.3%	3.6%	2.9%	2.3%	3.0%	1.5%	1.2%	2.3%	1.6%
Hispanic	365	424	348	206	223	230	274	345	290
Population 0 to 17	327,349	334,119	340,778	347,126	352,973	358,902	365,726	371,775	376,775
Rate per 100,000	111.50	126.90	102.12	59.34	63.18	64.08	74.92	92.80	76.97
Percent of Total	46.2%	50.2%	58.8%	53.6%	55.1%	57.2%	56.8%	61.0%	59.2%
White	318	341	191	156	143	146	176	171	156
Population 0 to 17	310,486	308,307	305,258	301,555	296,897	291,297	286,007	280,621	274,238
Rate per 100,000	102.42	110.60	62.57	51.73	48.16	50.12	61.54	60.94	56.88
Percent of Total	40.3%	40.4%	32.3%	40.6%	35.3%	36.3%	36.5%	30.2%	31.8%
Other	49	13	18	4	10	10	10	12	19
Percent of Total	6.2%	1.5%	3.0%	1.0%	2.5%	2.5%	2.1%	2.1%	3.9%

Indicator 3: Arrests for Drug-Related Crime

The number of felony and misdemeanor arrests for drug crimes, including dangerous drugs, narcotics, marijuana, and other drug violations and rate per 100,000 population 10 to 69 years.

Table 3.1

Number of Arrests for Felony and Misdemeanor Drug Offenses and Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of Drug-Related Arrests	18,544	18,801	20,367	23,204	22,883	24,921	24,020	22,002	20,735
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	837.67	829.93	882.22	987.50	961.06	1,037.75	993.16	897.47	835.37
CALIFORNIA Rate per 100,000	961.65	931.02	940.74	986.91	1,023.80	1,070.18	1,040.85	997.25	910.20

Figure 3.1

Orange County
Drug Arrest Rate
per 100,000
Population 10 to 69
with Comparison
to Statewide Rates

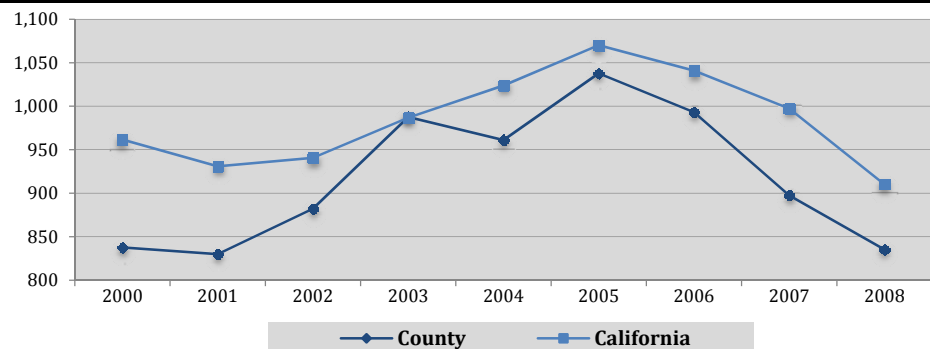


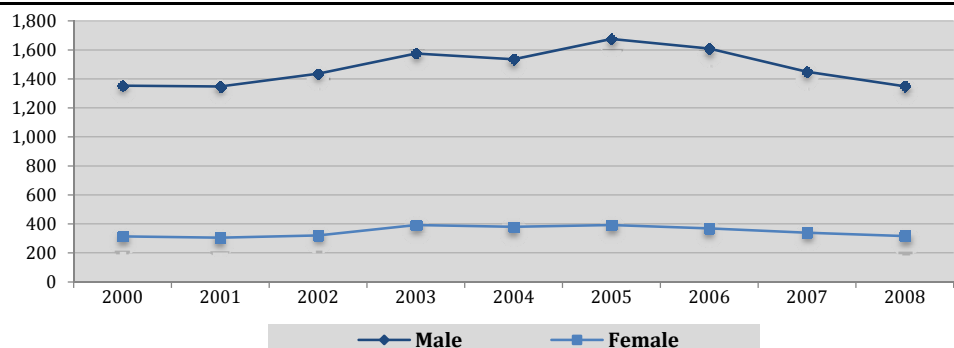
Table 3.2

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	18,544	18,801	20,367	23,204	22,883	24,921	24,020	22,002	20,735
Male	15,093	15,370	16,683	18,617	18,379	20,231	19,576	17,860	16,823
Population 10 to 69	1,115,450	1,140,582	1,161,677	1,181,686	1,197,137	1,207,411	1,216,202	1,231,986	1,246,537
Rate per 100,000	1,353.09	1,347.56	1,436.11	1,575.46	1,535.25	1,675.57	1,609.60	1,449.69	1,349.58
Percent of Total	81.4%	81.8%	81.9%	80.2%	80.3%	81.2%	81.5%	81.2%	81.1%
Female	3,451	3,431	3,684	4,587	4,504	4,690	4,444	4,142	3,912
Population 10 to 69	1,098,308	1,124,800	1,146,924	1,168,075	1,183,874	1,194,038	1,202,342	1,219,576	1,235,585
Rate per 100,000	314.21	305.03	321.21	392.70	380.45	392.78	369.61	339.63	316.61
Percent of Total	18.6%	18.2%	18.1%	19.8%	19.7%	18.8%	18.5%	18.8%	18.9%

Figure 3.2

Orange County
Drug Arrest Rate
per 100,000
Population 10 to 69
by Offender
Gender



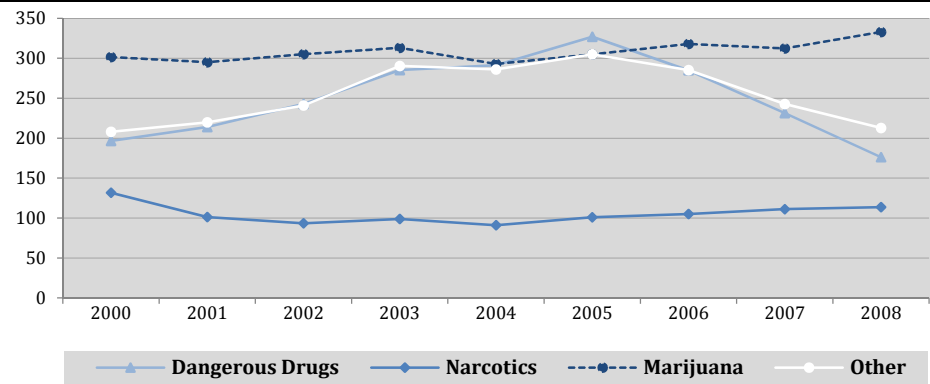
Indicator 3: Arrests for Drug-Related Crime (Continued)

Table 3.3

Number of Arrests for Felony and Misdemeanor Drug Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	18,544	18,801	20,367	23,204	22,883	24,921	24,020	22,002	20,735
Dangerous Drugs	4,350	4,845	5,605	6,702	6,933	7,851	6,891	5,671	4,372
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	196.50	213.87	242.79	285.22	291.18	326.93	284.92	231.32	176.14
Percent of Total	23.5%	25.8%	27.5%	28.9%	30.3%	31.5%	28.7%	25.8%	21.1%
Narcotics	2,915	2,294	2,157	2,322	2,167	2,424	2,540	2,724	2,821
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	131.68	101.26	93.43	98.82	91.01	100.94	105.02	111.11	113.65
Percent of Total	15.7%	12.2%	10.6%	10.0%	9.5%	9.7%	10.6%	12.4%	13.6%
Marijuana	6,676	6,683	7,044	7,357	6,974	7,323	7,691	7,657	8,262
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	301.57	295.01	305.12	313.10	292.90	304.94	318.00	312.33	332.86
Percent of Total	36.0%	35.5%	34.6%	31.7%	30.5%	29.4%	32.0%	34.8%	39.8%
Other Drug Violations	4,603	4,979	5,561	6,823	6,809	7,323	6,898	5,950	5,280
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	207.93	219.79	240.88	290.37	285.97	304.94	285.21	242.70	212.72
Percent of Total	24.8%	26.5%	27.3%	29.4%	29.8%	29.4%	28.7%	27.0%	25.5%

Figure 3.3
Orange County
Drug Arrest Rate
per 100,000
Population 10 to 69
by Specific Offense



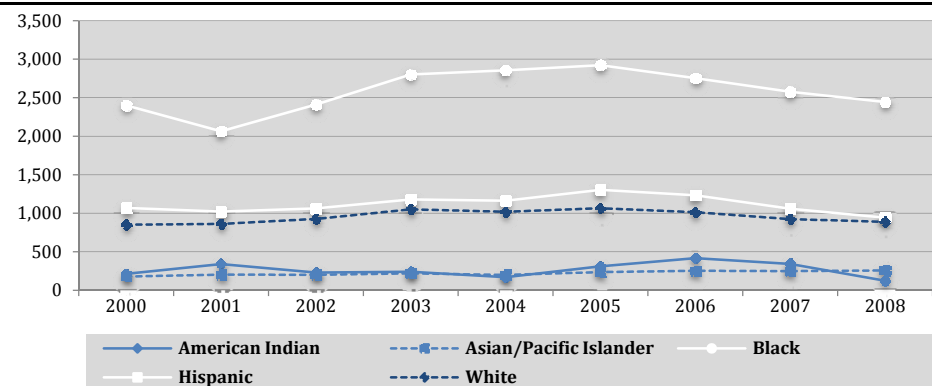
Indicator 3: Arrests for Drug-Related Crime (Continued)

Table 3.4

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Drug Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	18,544	18,801	20,367	23,204	22,883	24,921	24,020	22,002	20,735
American Indian	16	28	20	22	16	30	41	35	13
Population 10 to 69	7,477	8,213	8,738	9,190	9,441	9,643	9,816	10,209	10,566
Rate per 100,000	213.99	340.92	228.89	239.39	169.47	311.11	417.69	342.83	123.04
Percent of Total	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.1%
Asian/Pacific Islander	593	710	733	825	766	914	987	995	1,050
Population 10 to 69	334,566	350,541	363,192	375,125	383,604	388,469	391,369	400,459	409,195
Rate per 100,000	177.24	202.54	201.82	219.93	199.69	235.28	252.19	248.46	256.60
Percent of Total	3.2%	3.8%	3.6%	3.6%	3.3%	3.7%	4.1%	4.5%	5.1%
Black	863	752	888	1,041	1,068	1,095	1,039	981	937
Population 10 to 69	35,958	36,421	36,833	37,166	37,399	37,469	37,732	38,079	38,341
Rate per 100,000	2,400.02	2,064.74	2,410.88	2,800.95	2,855.69	2,922.42	2,753.63	2,576.22	2,443.86
Percent of Total	4.7%	4.0%	4.4%	4.5%	4.7%	4.4%	4.3%	4.5%	4.5%
Hispanic	7,120	7,106	7,667	8,813	8,947	10,281	9,932	8,786	8,057
Population 10 to 69	665,595	695,224	721,806	747,499	769,912	788,735	805,493	830,289	854,093
Rate per 100,000	1,069.72	1,022.12	1,062.20	1,179.00	1,162.08	1,303.48	1,233.03	1,058.19	943.34
Percent of Total	38.4%	37.8%	37.6%	38.0%	39.1%	41.3%	41.3%	39.9%	38.9%
White	9,694	9,841	10,598	12,045	11,666	12,145	11,501	10,482	10,040
Population 10 to 69	1,139,399	1,143,117	1,145,020	1,146,582	1,145,281	1,140,583	1,136,378	1,133,596	1,129,782
Rate per 100,000	850.80	860.89	925.57	1,050.51	1,018.61	1,064.81	1,012.08	924.67	888.67
Percent of Total	52.3%	52.3%	52.0%	51.9%	51.0%	48.7%	47.9%	47.6%	48.4%
Other	258	364	461	458	420	456	520	723	638
Percent of Total	1.4%	1.9%	2.3%	2.0%	1.8%	1.8%	2.2%	3.3%	3.1%

Figure 3.4
Orange County
Drug Arrest Rate
per 100,000
Population 10 to 69
by Offender Race/
Ethnicity



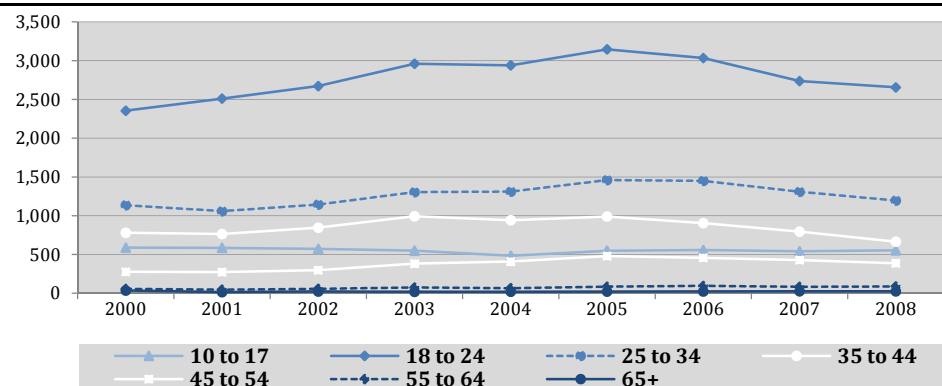
Indicator 3: Arrests for Drug-Related Crime (Continued)

Table 3.5

Number of Arrests for Felony and Misdemeanor Drug Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Drug Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	18,544	18,801	20,367	23,204	22,883	24,921	24,020	22,002	20,735
17 Years and Under	1,907	1,959	1,971	1,935	1,733	1,987	2,025	1,978	2,003
Population 10 to 17	323,889	334,424	344,026	352,252	358,406	362,403	363,386	364,624	361,899
Rate per 100,000	588.78	585.78	572.92	549.32	483.53	548.28	557.26	542.48	553.47
Percent of Total	10.3%	10.4%	9.7%	8.3%	7.6%	8.0%	8.4%	9.0%	9.7%
18 to 24 Years	6,405	7,008	7,590	8,596	8,622	9,221	8,885	8,171	8,140
Population	271,961	279,144	283,996	290,350	293,250	293,065	292,811	298,513	306,432
Rate per 100,000	2,355.12	2,510.53	2,672.57	2,960.56	2,940.15	3,146.40	3,034.38	2,737.23	2,656.38
Percent of Total	34.5%	37.3%	37.3%	37.0%	37.7%	37.0%	37.0%	37.1%	39.3%
25 to 34 Years	5,322	4,959	5,335	6,022	5,961	6,493	6,322	5,706	5,233
Population	468,467	468,451	465,933	461,775	454,664	444,506	435,899	435,851	437,504
Rate per 100,000	1,136.05	1,058.60	1,145.01	1,304.10	1,311.08	1,460.72	1,450.34	1,309.16	1,196.10
Percent of Total	28.7%	26.4%	26.2%	26.0%	26.0%	26.1%	26.3%	25.9%	25.2%
35 to 44 Years	3,743	3,719	4,153	4,910	4,684	4,929	4,498	3,952	3,287
Population	479,221	486,523	490,894	494,246	496,910	497,736	497,423	496,395	493,500
Rate per 100,000	781.06	764.40	846.01	993.43	942.63	990.28	904.26	796.14	666.06
Percent of Total	20.2%	19.8%	20.4%	21.2%	20.5%	19.8%	18.7%	18.0%	15.9%
45 to 54 Years	1,011	1,032	1,155	1,527	1,683	2,025	1,982	1,910	1,762
Population	364,437	378,495	388,061	398,935	410,044	421,704	433,387	445,224	455,738
Rate per 100,000	277.41	272.66	297.63	382.77	410.44	480.19	457.33	429.00	386.63
Percent of Total	5.5%	5.5%	5.7%	6.6%	7.4%	8.1%	8.3%	8.7%	8.5%
55 to 64 Years	128	112	144	198	182	246	286	259	284
Population	226,564	237,843	252,927	266,579	279,053	290,779	301,143	311,754	321,681
Rate per 100,000	56.50	47.09	56.93	74.27	65.22	84.60	94.97	83.08	88.29
Percent of Total	0.7%	0.6%	0.7%	0.9%	0.8%	1.0%	1.2%	1.2%	1.4%
65 Years and Older	28	12	19	16	18	20	22	26	26
Population 65 to 69	79,219	80,502	82,764	85,624	88,684	91,256	94,495	99,201	105,368
Rate per 100,000	35.35	14.91	22.96	18.69	20.30	21.92	23.28	26.21	24.68
Percent of Total	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%

Figure 3.5
Orange County
Drug Arrest Rate
per 100,000
Population by
Offender Age
Category



Indicator 3: Arrests for Drug-Related Crime (Continued)

Table 3.6

Number of Arrests for Felony and Misdemeanor Drug Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Drug Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
ALL DRUG ARRESTS UNDER AGE 18	1,907	1,959	1,971	1,935	1,733	1,987	2,025	1,978	2,003
Male	1,642	1,671	1,674	1,552	1,385	1,575	1,664	1,658	1,690
Population 10 to 17	166,763	171,973	176,807	180,860	183,957	185,966	186,507	187,138	185,657
Rate per 100,000	984.63	971.66	946.80	858.12	752.89	846.93	892.19	885.98	910.28
Percent of Total	86.1%	85.3%	84.9%	80.2%	79.9%	79.3%	82.2%	83.8%	84.4%
Female	265	288	297	383	348	412	361	320	313
Population 10 to 17	157,126	162,451	167,219	171,392	174,449	176,437	176,879	177,486	176,242
Rate per 100,000	168.65	177.28	177.61	223.46	199.49	233.51	204.09	180.30	177.60
Percent of Total	13.9%	14.7%	15.1%	19.8%	20.1%	20.7%	17.8%	16.2%	15.6%
American Indian	2	0	1	2	0	1	2	1	2
Population 10 to 17	1,049	1,178	1,270	1,344	1,369	1,376	1,381	1,442	1,455
Rate per 100,000	190.66	0.00	78.74	148.81	0.00	72.67	144.82	69.35	137.46
Percent of Total	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%
Asian/Pacific Islander	83	94	91	105	59	81	116	92	107
Population 10 to 17	44,970	46,234	47,091	47,979	48,745	49,109	48,891	49,420	49,774
Rate per 100,000	184.57	203.31	193.24	218.85	121.04	164.94	237.26	186.16	214.97
Percent of Total	4.4%	4.8%	4.6%	5.4%	3.4%	4.1%	5.7%	4.7%	5.3%
Black	57	40	36	46	41	39	32	49	45
Population 10 to 17	5,614	5,675	5,679	5,627	5,570	5,494	5,451	5,373	5,227
Rate per 100,000	1,015.32	704.85	633.91	817.49	736.09	709.87	587.05	911.97	860.91
Percent of Total	3.0%	2.0%	1.8%	2.4%	2.4%	2.0%	1.6%	2.5%	2.2%
Hispanic	839	886	909	875	811	1,021	1,011	975	1,044
Population 10 to 17	124,958	131,320	137,746	143,937	148,988	153,090	155,842	159,078	159,873
Rate per 100,000	671.43	674.69	659.91	607.90	544.34	666.93	648.73	612.91	653.02
Percent of Total	44.0%	45.2%	46.1%	45.2%	46.8%	51.4%	49.9%	49.3%	52.1%
White	881	897	872	865	774	805	819	801	756
Population 10 to 17	139,473	141,792	143,606	144,360	144,346	143,570	141,710	138,955	135,030
Rate per 100,000	631.66	632.62	607.22	599.20	536.21	560.70	577.94	576.45	559.88
Percent of Total	46.2%	45.8%	44.2%	44.7%	44.7%	40.5%	40.4%	40.5%	37.7%
Other	45	42	62	42	48	40	45	60	49
Percent of Total	2.4%	2.1%	3.1%	2.2%	2.8%	2.0%	2.2%	3.0%	2.4%

Indicator 4: Arrests for Alcohol-Related Crime

The number of felony and misdemeanor arrests for driving-under-the-influence, drunkenness, and, liquor law violations and rate per 100,000 population 10 to 69 years.

Table 4.1

Number of Arrests for Felony and Misdemeanor Alcohol Offenses, Rate per 100,000 Population 10 to 69 Years with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of Alcohol-Related Arrests	23,899	21,970	21,437	22,940	22,380	20,943	23,853	24,632	26,152
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	1,079.57	969.81	928.57	976.27	939.94	872.10	986.25	1,004.75	1,053.61
CALIFORNIA Rate per 100,000	1,238.01	1,167.40	1,126.00	1,129.17	1,087.87	1,045.21	1,123.22	1,159.68	1,203.37

Figure 4.1
Orange County
Alcohol Arrest
Rate per 100,000
Population 10 to 69
with Comparison
to Statewide Rates

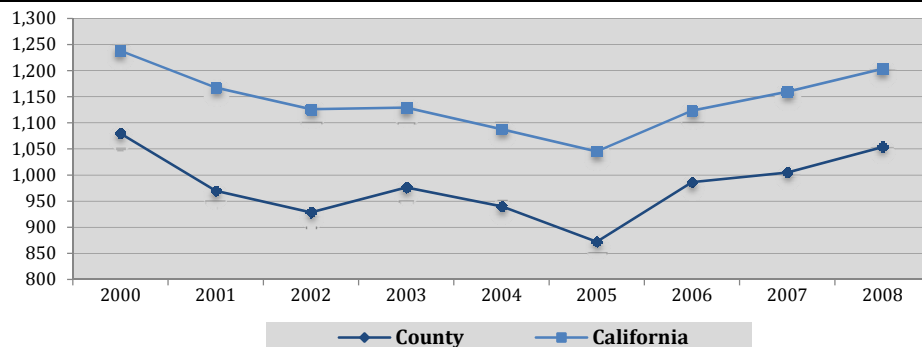
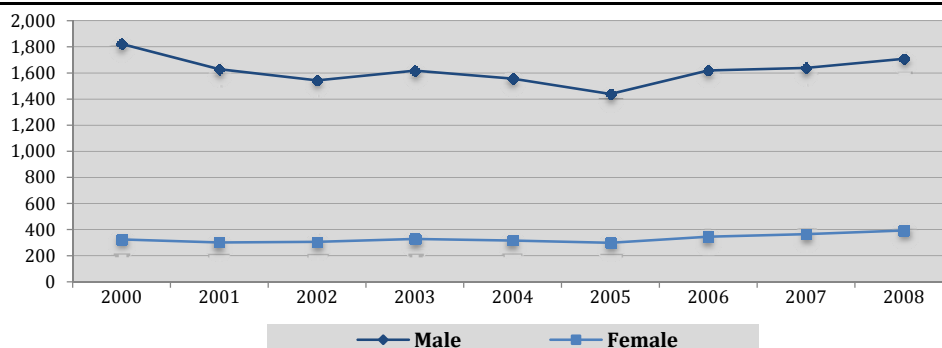


Table 4.2

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Gender, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	23,899	21,970	21,437	22,940	22,380	20,943	23,853	24,632	26,152
Male	20,334	18,576	17,932	19,111	18,640	17,377	19,695	20,182	21,291
Population 10 to 69	1,115,450	1,140,582	1,161,677	1,181,686	1,197,137	1,207,411	1,216,202	1,231,986	1,246,537
Rate per 100,000	1,822.94	1,628.64	1,543.63	1,617.27	1,557.05	1,439.20	1,619.39	1,638.17	1,708.01
Percent of Total	85.1%	84.6%	83.6%	83.3%	83.3%	83.0%	82.6%	81.9%	81.4%
Female	3,565	3,394	3,505	3,829	3,740	3,566	4,158	4,450	4,861
Population 10 to 69	1,098,308	1,124,800	1,146,924	1,168,075	1,183,874	1,194,038	1,202,342	1,219,576	1,235,585
Rate per 100,000	324.59	301.74	305.60	327.80	315.91	298.65	345.83	364.88	393.42
Percent of Total	14.9%	15.4%	16.4%	16.7%	16.7%	17.0%	17.4%	18.1%	18.6%

Figure 4.2
Orange County
Alcohol Arrest
Rate per 100,000
Population 10 to 69
by Offender
Gender



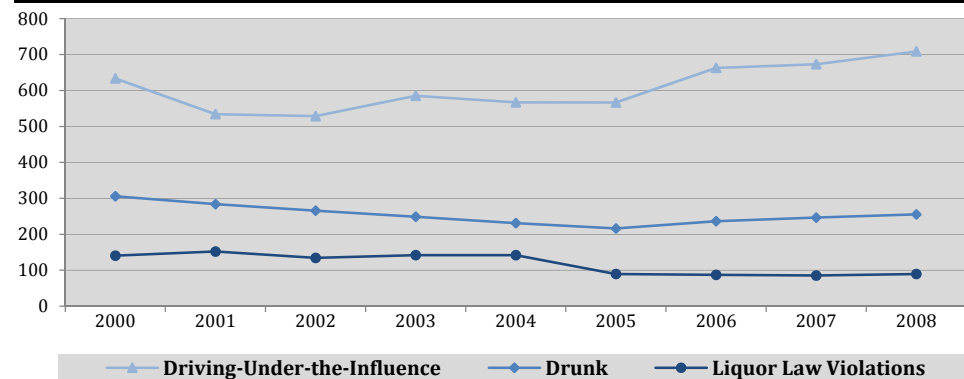
Indicator 4: Arrests for Alcohol-Related Crime (Continued)

Table 4.3

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Specific Offense, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	23,899	21,970	21,437	22,940	22,380	20,943	23,853	24,632	26,152
Driving-Under-the-Influence	14,022	12,100	12,203	13,757	13,500	13,604	16,030	16,502	17,594
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	633.40	534.13	528.59	585.46	566.99	566.49	662.80	673.12	708.83
Percent of Total	58.7%	55.1%	56.9%	60.0%	60.3%	65.0%	67.2%	67.0%	67.3%
Drunk	6,767	6,428	6,135	5,846	5,501	5,191	5,717	6,041	6,337
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	305.68	283.75	265.75	248.79	231.04	216.16	236.38	246.41	255.31
Percent of Total	28.3%	29.3%	28.6%	25.5%	24.6%	24.8%	24.0%	24.5%	24.2%
Liquor Law Violations	3,110	3,442	3,099	3,337	3,379	2,148	2,106	2,089	2,221
Population 10 to 69	2,213,758	2,265,382	2,308,601	2,349,761	2,381,011	2,401,449	2,418,544	2,451,562	2,482,122
Rate per 100,000	140.49	151.94	134.24	142.01	141.91	89.45	87.08	85.21	89.48
Percent of Total	13.0%	15.7%	14.5%	14.5%	15.1%	10.3%	8.8%	8.5%	8.5%

Figure 4.3
Orange County
Alcohol Arrest
Rate per 100,000
Population 10 to 69
by Specific Offense



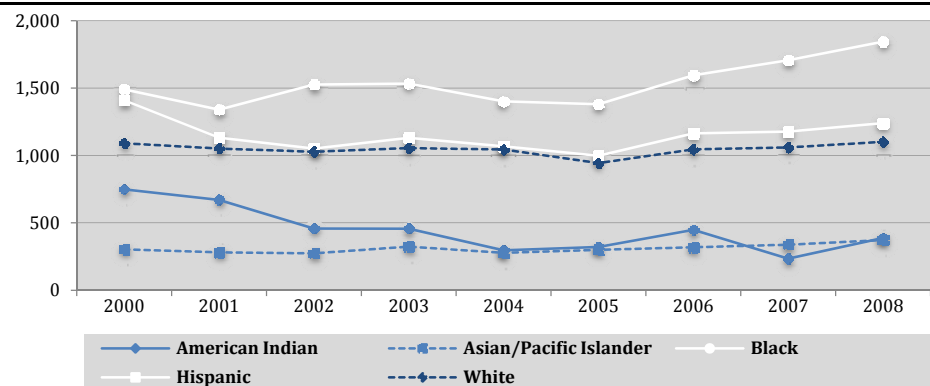
Indicator 4: Arrests for Alcohol-Related Crime (Continued)

Table 4.4

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Race/Ethnicity, Rate per 100,000 Population 10 to 69 Years, and Percent of Total Alcohol Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	23,899	21,970	21,437	22,940	22,380	20,943	23,853	24,632	26,152
American Indian	56	55	40	42	28	31	44	24	41
Population 10 to 69	7,477	8,213	8,738	9,190	9,441	9,643	9,816	10,209	10,566
Rate per 100,000	748.96	669.67	457.77	457.02	296.58	321.48	448.25	235.09	388.04
Percent of Total	0.2%	0.3%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.2%
Asian/Pacific Islander	1,015	983	993	1,215	1,063	1,164	1,249	1,355	1,523
Population 10 to 69	334,566	350,541	363,192	375,125	383,604	388,469	391,369	400,459	409,195
Rate per 100,000	303.38	280.42	273.41	323.89	277.11	299.64	319.14	338.36	372.19
Percent of Total	4.2%	4.5%	4.6%	5.3%	4.7%	5.6%	5.2%	5.5%	5.8%
Black	536	488	562	570	524	517	602	650	707
Population 10 to 69	35,958	36,421	36,833	37,166	37,399	37,469	37,732	38,079	38,341
Rate per 100,000	1,490.63	1,339.89	1,525.81	1,533.66	1,401.11	1,379.81	1,595.46	1,706.98	1,843.98
Percent of Total	2.2%	2.2%	2.6%	2.5%	2.3%	2.5%	2.5%	2.6%	2.7%
Hispanic	9,380	7,868	7,587	8,455	8,220	7,867	9,375	9,769	10,592
Population 10 to 69	665,595	695,224	721,806	747,499	769,912	788,735	805,493	830,289	854,093
Rate per 100,000	1,409.27	1,131.72	1,051.11	1,131.11	1,067.65	997.42	1,163.88	1,176.58	1,240.15
Percent of Total	39.2%	35.8%	35.4%	36.9%	36.7%	37.6%	39.3%	39.7%	40.5%
White	12,423	12,018	11,763	12,100	11,957	10,760	11,879	12,010	12,439
Population 10 to 69	1,139,399	1,143,117	1,145,020	1,146,582	1,145,281	1,140,583	1,136,378	1,133,596	1,129,782
Rate per 100,000	1,090.31	1,051.34	1,027.32	1,055.31	1,044.02	943.38	1,045.34	1,059.46	1,101.01
Percent of Total	52.0%	54.7%	54.9%	52.7%	53.4%	51.4%	49.8%	48.8%	47.6%
Other	489	558	492	558	588	604	704	824	850
Percent of Total	2.0%	2.5%	2.3%	2.4%	2.6%	2.9%	3.0%	3.3%	3.3%

Figure 4.4
Orange County
Alcohol Arrest
Rate per 100,000
Population 10 to 69
by Offender Race/
Ethnicity



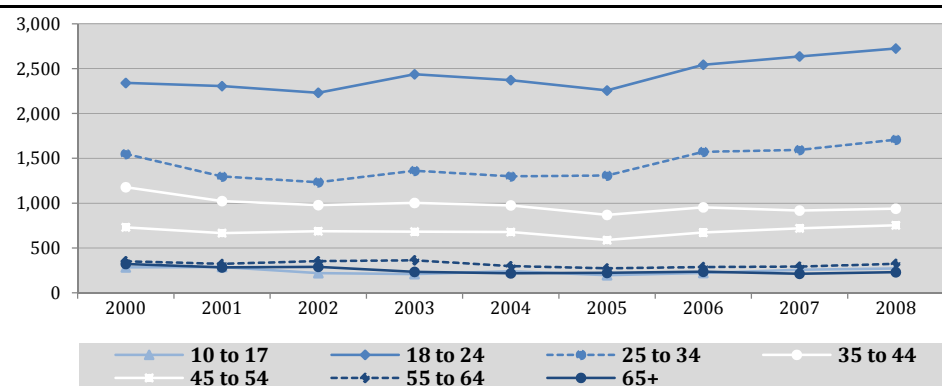
Indicator 4: Arrests for Alcohol-Related Crime (Continued)

Table 4.5

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Offender Age Category, Rate per 100,000 Population, and Percent of Total Alcohol Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL ARRESTS	23,899	21,970	21,437	22,940	22,380	20,943	23,853	24,632	26,152
17 Years and Under	920	963	754	734	865	713	804	936	984
Population 10 to 17	323,889	334,424	344,026	352,252	358,406	362,403	363,386	364,624	361,899
Rate per 100,000	284.05	287.96	219.17	208.37	241.35	196.74	221.25	256.70	271.90
Percent of Total	3.8%	4.4%	3.5%	3.2%	3.9%	3.4%	3.4%	3.8%	3.8%
18 to 24 Years	6,365	6,435	6,337	7,077	6,957	6,614	7,447	7,869	8,350
Population	271,961	279,144	283,996	290,350	293,250	293,065	292,811	298,513	306,432
Rate per 100,000	2,340.41	2,305.26	2,231.37	2,437.40	2,372.38	2,256.84	2,543.28	2,636.07	2,724.91
Percent of Total	26.6%	29.3%	29.6%	30.9%	31.1%	31.6%	31.2%	31.9%	31.9%
25 to 34 Years	7,253	6,076	5,746	6,285	5,907	5,814	6,856	6,947	7,473
Population	468,467	468,451	465,933	461,775	454,664	444,506	435,899	435,851	437,504
Rate per 100,000	1,548.24	1,297.04	1,233.22	1,361.05	1,299.20	1,307.97	1,572.84	1,593.89	1,708.10
Percent of Total	30.3%	27.7%	26.8%	27.4%	26.4%	27.8%	28.7%	28.2%	28.6%
35 to 44 Years	5,645	4,979	4,802	4,955	4,846	4,326	4,743	4,556	4,630
Population	479,221	486,523	490,894	494,246	496,910	497,736	497,423	496,395	493,500
Rate per 100,000	1,177.95	1,023.38	978.22	1,002.54	975.23	869.14	953.51	917.82	938.20
Percent of Total	23.6%	22.7%	22.4%	21.6%	21.7%	20.7%	19.9%	18.5%	17.7%
45 to 54 Years	2,663	2,521	2,666	2,721	2,781	2,481	2,914	3,202	3,432
Population	364,437	378,495	388,061	398,935	410,044	421,704	433,387	445,224	455,738
Rate per 100,000	730.72	666.06	687.01	682.07	678.22	588.33	672.38	719.19	753.06
Percent of Total	11.1%	11.5%	12.4%	11.9%	12.4%	11.8%	12.2%	13.0%	13.1%
55 to 64 Years	798	768	892	968	831	792	867	911	1,041
Population	226,564	237,843	252,927	266,579	279,053	290,779	301,143	311,754	321,681
Rate per 100,000	352.22	322.90	352.67	363.12	297.79	272.37	287.90	292.22	323.61
Percent of Total	3.3%	3.5%	4.2%	4.2%	3.7%	3.8%	3.6%	3.7%	4.0%
65 Years and Older	255	228	240	200	193	203	222	211	242
Population 65 to 69	79,219	80,502	82,764	85,624	88,684	91,256	94,495	99,201	105,368
Rate per 100,000	321.89	283.22	289.98	233.58	217.63	222.45	234.93	212.70	229.67
Percent of Total	1.1%	1.0%	1.1%	0.9%	0.9%	1.0%	0.9%	0.9%	0.9%

Figure 4.5
Orange County
Alcohol Arrest
Rate per 100,000
Population by
Offender Age
Category



Indicator 4: Arrests for Alcohol-Related Crime (Continued)

Table 4.6

Number of Arrests for Felony and Misdemeanor Alcohol Offenses by Gender and Race/Ethnicity among Underage Offenders, Rate per 100,000 Population 10 to 17 Years, and Percent of Total Alcohol Arrests

	2000	2001	2002	2003	2004	2005	2006	2007	2008
ALL ALCOHOL ARRESTS UNDER AGE 18	920	963	754	734	865	713	804	936	984
Male	730	750	574	537	653	562	611	709	724
Population 10 to 17	166,763	171,973	176,807	180,860	183,957	185,966	186,507	187,138	185,657
Rate per 100,000	437.75	436.11	324.65	296.91	354.97	302.21	327.60	378.86	389.97
Percent of Total	79.3%	77.9%	76.1%	73.2%	75.5%	78.8%	76.0%	75.7%	73.6%
Female	190	213	180	197	212	151	193	227	260
Population 10 to 17	157,126	162,451	167,219	171,392	174,449	176,437	176,879	177,486	176,242
Rate per 100,000	120.92	131.12	107.64	114.94	121.53	85.58	109.11	127.90	147.52
Percent of Total	20.7%	22.1%	23.9%	26.8%	24.5%	21.2%	24.0%	24.3%	26.4%
American Indian	0	1	0	2	0	0	3	0	3
Population 10 to 17	1,049	1,178	1,270	1,344	1,369	1,376	1,381	1,442	1,455
Rate per 100,000	0.00	84.89	0.00	148.81	0.00	0.00	217.23	0.00	206.19
Percent of Total	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.4%	0.0%	0.3%
Asian/Pacific Islander	50	48	28	35	35	22	25	27	32
Population 10 to 17	44,970	46,234	47,091	47,979	48,745	49,109	48,891	49,420	49,774
Rate per 100,000	111.19	103.82	59.46	72.95	71.80	44.80	51.13	54.63	64.29
Percent of Total	5.4%	5.0%	3.7%	4.8%	4.0%	3.1%	3.1%	2.9%	3.3%
Black	11	20	10	14	17	11	15	11	24
Population 10 to 17	5,614	5,675	5,679	5,627	5,570	5,494	5,451	5,373	5,227
Rate per 100,000	195.94	352.42	176.09	248.80	305.21	200.22	275.18	204.73	459.15
Percent of Total	1.2%	2.1%	1.3%	1.9%	2.0%	1.5%	1.9%	1.2%	2.4%
Hispanic	265	254	236	197	272	224	286	348	399
Population 10 to 17	124,958	131,320	137,746	143,937	148,988	153,090	155,842	159,078	159,873
Rate per 100,000	212.07	193.42	171.33	136.87	182.57	146.32	183.52	218.76	249.57
Percent of Total	28.8%	26.4%	31.3%	26.8%	31.4%	31.4%	35.6%	37.2%	40.5%
White	578	607	456	461	512	429	446	501	484
Population 10 to 17	139,473	141,792	143,606	144,360	144,346	143,570	141,710	138,955	135,030
Rate per 100,000	414.42	428.09	317.54	319.34	354.70	298.81	314.73	360.55	358.44
Percent of Total	62.8%	63.0%	60.5%	62.8%	59.2%	60.2%	55.5%	53.5%	49.2%
Other	16	33	24	25	29	27	29	49	42
Percent of Total	1.7%	3.4%	3.2%	3.4%	3.4%	3.8%	3.6%	5.2%	4.3%

Indicator 5: Alcohol-Involved Motor Vehicle Accidents

The number of alcohol-involved motor vehicle accidents and number of persons injured or killed and rate per 100,000 population

Table 5.1

Orange County Fatalities in Alcohol-Involved Accidents and Rate per 100,000 Total Population with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Number of Fatalities	61	80	71	70	67	84	85	83	66
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	2.13	2.74	2.40	2.33	2.20	2.75	2.76	2.66	2.09
CALIFORNIA Rate per 100,000	3.62	3.76	3.99	4.01	4.00	4.26	4.27	3.94	3.54

Figure 5.1
Orange County
Alcohol-Involved
Accident Fatality
Rate per 100,000
Total Population
with Comparison
to Statewide Rates

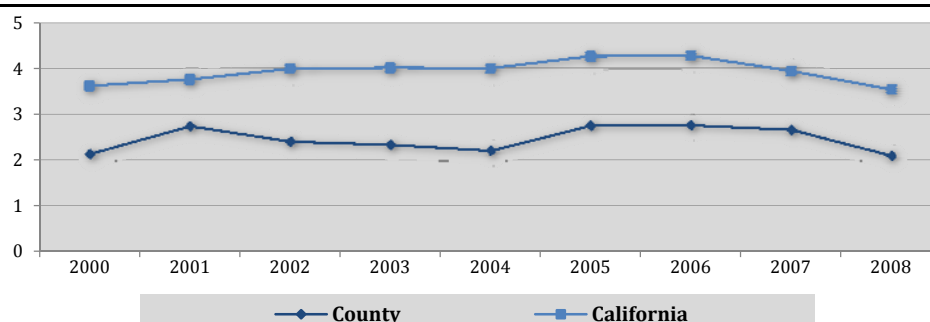
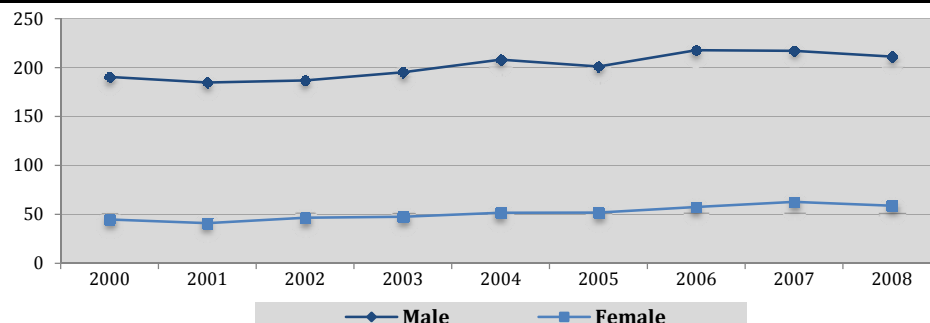


Table 5.2

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Gender and Rate per 100,000 Population, and Percent of Total

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL 'HAD BEEN DRINKING' DRIVERS	3,489	3,445	3,631	3,833	4,189	4,148	4,487	4,615	4,425
Male	2,711	2,681	2,751	2,916	3,141	3,055	3,331	3,361	3,306
Population	1,424,001	1,450,691	1,472,384	1,493,332	1,509,442	1,519,684	1,529,602	1,547,557	1,565,584
Rate per 100,000	190.38	184.81	186.84	195.27	208.09	201.03	217.77	217.18	211.17
Percent of Total	77.7%	77.8%	75.8%	76.1%	75.0%	73.6%	74.2%	72.8%	74.7%
Female	644	601	693	720	790	796	890	983	933
Population	1,439,833	1,467,991	1,490,676	1,512,658	1,529,228	1,539,376	1,548,793	1,567,854	1,587,058
Rate per 100,000	44.73	40.94	46.49	47.60	51.66	51.71	57.46	62.70	58.79
Percent of Total	18.5%	17.4%	19.1%	18.8%	18.9%	19.2%	19.8%	21.3%	21.1%
Unknown	134	163	187	197	258	297	266	271	186
Percent of Total	3.8%	4.7%	5.2%	5.1%	6.2%	7.2%	5.9%	5.9%	4.2%

Figure 5.2
Orange County
'Had Been
Drinking' Driver
Rate per 100,000
Population, by
Party Gender



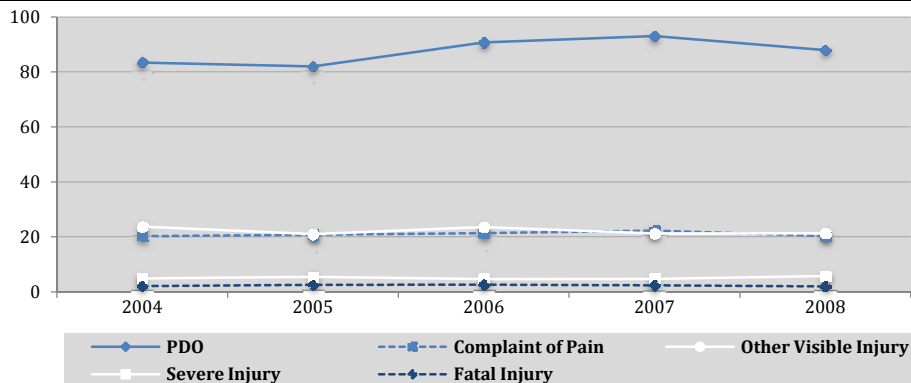
Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 5.3

Orange County Alcohol-Involved Accidents by Injury Severity, Rate per 100,000 Total Population, and Percent of Total

	2004	2005	2006	2007	2008
TOTAL ALCOHOL-INVOLVED ACCIDENTS	4,084	4,034	4,398	4,475	4,327
Property Damage Only (PDO)	2,535	2,509	2,793	2,899	2,773
Total Population	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	83.42	82.02	90.73	93.05	87.96
Percent of Total	62.1%	62.2%	63.5%	64.8%	64.1%
Injury – Complaint of Pain	615	636	657	694	640
Total Population	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	20.24	20.79	21.34	22.28	20.30
Percent of Total	15.1%	15.8%	14.9%	15.5%	14.8%
Injury – Other Visible	721	643	725	661	671
Total Population	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	23.73	21.02	23.55	21.22	21.28
Percent of Total	17.7%	15.9%	16.5%	14.8%	15.5%
Injury – Severe	149	168	143	146	181
Total Population	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	4.90	5.49	4.65	4.69	5.74
Percent of Total	3.6%	4.2%	3.3%	3.3%	4.2%
Injury – Fatal	64	78	80	75	62
Total Population	3,038,670	3,059,060	3,078,395	3,115,411	3,152,642
Rate per 100,000	2.11	2.55	2.60	2.41	1.97
Percent of Total	1.6%	1.9%	1.8%	1.7%	1.4%

Figure 5.3
Orange County
Alcohol-Involved
Accident Rate per
100,000 Total
Population, by
Injury Severity



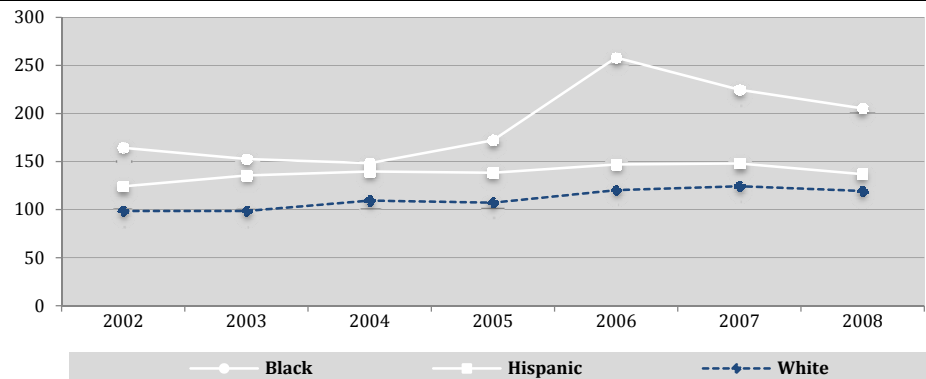
Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 5.4

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Race/Ethnicity, Rate per 100,000 Population, and Percent of Total

	2002	2003	2004	2005	2006	2007	2008
TOTAL 'HAD BEEN DRINKING' DRIVERS	3,631	3,833	4,189	4,148	4,487	4,615	4,425
Black	72	67	65	75	113	99	91
Population	43,812	43,881	43,825	43,586	43,759	44,052	44,334
Rate per 100,000	164.34	152.69	148.32	172.07	258.23	224.73	205.26
Percent of Total	2.0%	1.7%	1.6%	1.8%	2.5%	2.1%	2.1%
Hispanic	1,174	1,318	1,392	1,409	1,530	1,582	1,504
Population	945,164	972,154	996,501	1,018,365	1,040,486	1,069,277	1,098,505
Rate per 100,000	124.21	135.58	139.69	138.36	147.05	147.95	136.91
Percent of Total	32.3%	34.4%	33.2%	34.0%	34.1%	34.3%	34.0%
White	1,449	1,448	1,600	1,558	1,736	1,789	1,710
Population	1,470,977	1,468,792	1,463,248	1,452,952	1,444,413	1,438,475	1,432,398
Rate per 100,000	98.51	98.58	109.35	107.23	120.19	124.37	119.38
Percent of Total	39.9%	37.8%	38.2%	37.6%	38.7%	38.8%	38.6%
Other/Unknown	936	1,000	1,132	1,106	1,108	1,145	1,120
Percent of Total	25.8%	26.1%	27.0%	26.7%	24.7%	24.8%	25.3%

Figure 5.4
Orange County
'Had Been
Drinking' Driver
Rate per 100,000
Population, by
Party Race/
Ethnicity



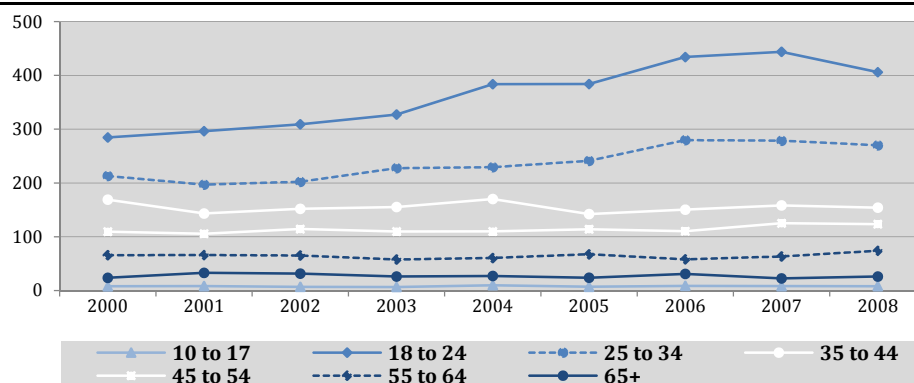
Indicator 5: Alcohol-Involved Motor Vehicle Accidents (Continued)

Table 5.5

Parties in Alcohol-Involved Accidents Who 'Had Been Drinking' by Party Age Category and Rate per 100,000 Population, and Percent of Total

	2000	2001	2002	2003	2004	2005	2006	2007	2008
TOTAL 'HAD BEEN DRINKING' DRIVERS	3,489	3,445	3,631	3,833	4,189	4,148	4,487	4,615	4,425
17 Years and Under	62	65	55	53	79	57	70	66	65
Population	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758	800,881
Rate per 100,000	8.04	8.34	6.99	6.69	9.93	7.15	8.77	8.24	8.12
Percent of Total	1.8%	1.9%	1.5%	1.4%	1.9%	1.4%	1.6%	1.4%	1.5%
18 to 24 Years	774	827	878	950	1,125	1,125	1,271	1,325	1,244
Population	271,961	279,144	283,996	290,350	293,250	293,065	292,811	298,513	306,432
Rate per 100,000	284.60	296.26	309.16	327.19	383.63	383.87	434.07	443.87	405.96
Percent of Total	22.2%	24.0%	24.2%	24.8%	26.9%	27.1%	28.3%	28.7%	28.1%
25 to 34 Years	998	923	942	1,051	1,043	1,072	1,219	1,214	1,181
Population	468,467	468,451	465,933	461,775	454,664	444,506	435,899	435,851	437,504
Rate per 100,000	213.04	197.03	202.17	227.60	229.40	241.17	279.65	278.54	269.94
Percent of Total	28.6%	26.8%	25.9%	27.4%	24.9%	25.8%	27.2%	26.3%	26.7%
35 to 44 Years	810	697	746	768	846	708	748	786	761
Population	479,221	486,523	490,894	494,246	496,910	497,736	497,423	496,395	493,500
Rate per 100,000	169.02	143.26	151.97	155.39	170.25	142.24	150.38	158.34	154.20
Percent of Total	23.2%	20.2%	20.5%	20.0%	20.2%	17.1%	16.7%	17.0%	17.2%
45 to 54 Years	399	400	444	438	451	481	478	557	563
Population	364,437	378,495	388,061	398,935	410,044	421,704	433,387	445,224	455,738
Rate per 100,000	109.48	105.68	114.42	109.79	109.99	114.06	110.29	125.11	123.54
Percent of Total	11.4%	11.6%	12.2%	11.4%	10.8%	11.6%	10.7%	12.1%	12.7%
55 to 64 Years	149	157	165	154	169	196	175	198	238
Population	226,564	237,843	252,927	266,579	279,053	290,779	301,143	311,754	321,681
Rate per 100,000	65.77	66.01	65.24	57.77	60.56	67.41	58.11	63.51	73.99
Percent of Total	4.3%	4.6%	4.5%	4.0%	4.0%	4.7%	3.9%	4.3%	5.4%
65 Years and Older	67	95	93	79	84	75	99	74	88
Population	282,479	288,434	294,836	301,962	308,825	313,751	319,181	326,916	336,906
Rate per 100,000	23.72	32.94	31.54	26.16	27.20	23.90	31.02	22.64	26.12
Percent of Total	1.9%	2.8%	2.6%	2.1%	2.0%	1.8%	2.2%	1.6%	2.0%
Other/Unknown	229	280	307	337	392	434	427	395	285
Percent of Total	6.6%	8.1%	8.5%	8.8%	9.4%	10.5%	9.5%	8.6%	6.4%

Figure 5.5
Orange County
'Had Been
Drinking' Driver
Rate per 100,000
Population, by
Party Age Category



Indicator 6: Hospitalizations Due to Alcohol and Drug Use

The number of hospital admissions due to alcohol and drug-related causes and rate per 100,000 population.

Table 6.1

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) and Rate per 100,000 Total Population with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Hospitalizations	6,154	5,932	5,764	5,904	5,751	5,743	5,840	6,497
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	214.89	203.24	194.53	196.41	189.26	187.74	189.71	208.54
CALIFORNIA Rate per 100,000	222.67	218.35	217.21	215.37	211.97	204.50	201.00	205.44

Figure 6.1
Orange County
Alcohol- and Drug-
Related
Hospitalization
Rate per 100,000
Total Population
with Comparison
to Statewide Rates

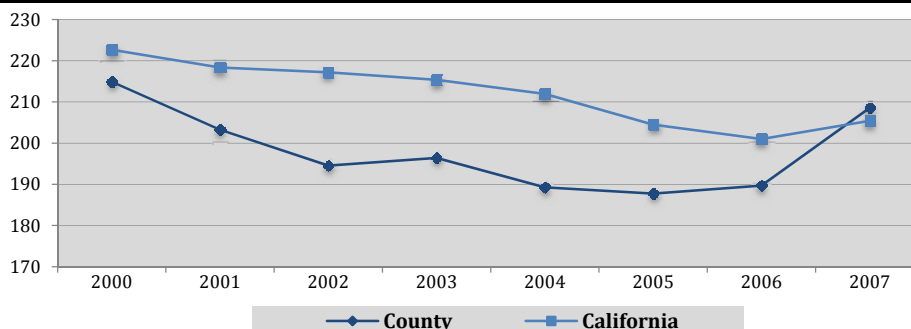
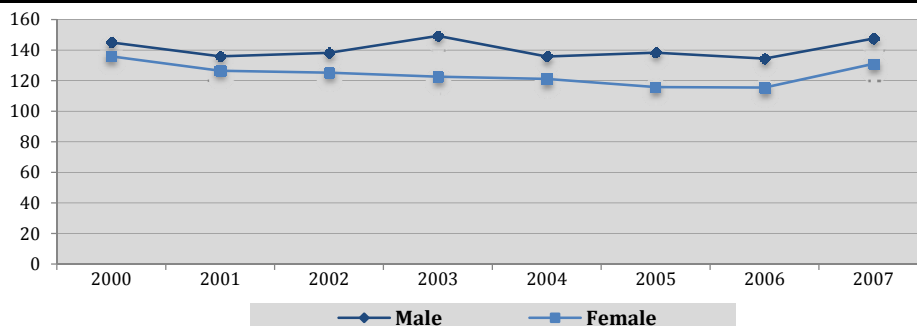


Table 6.2

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Gender, Rate per 100,000 Population, and Percent of Total Hospitalizations

	2000	2001	2002	2003	2004	2005	2006	2007
AOD HOSPITALIZATIONS	6,154	5,932	5,764	5,904	5,751	5,743	5,840	6,497
Male	2,065	1,972	2,035	2,230	2,050	2,102	2,057	2,283
Population	1,424,001	1,450,691	1,472,384	1,493,332	1,509,442	1,519,684	1,529,602	1,547,557
Rate per 100,000	145.01	135.94	138.21	149.33	135.81	138.32	134.48	147.52
Percent of Total	33.56%	33.24%	35.31%	37.77%	35.65%	36.60%	35.22%	35.14%
Female	1,956	1,857	1,867	1,855	1,853	1,783	1,789	2,053
Population	1,439,833	1,467,991	1,490,676	1,512,658	1,529,228	1,539,376	1,548,793	1,567,854
Rate per 100,000	135.85	126.50	125.25	122.63	121.17	115.83	115.51	130.94
Percent of Total	31.78%	31.30%	32.39%	31.42%	32.22%	31.05%	30.63%	31.60%
Unknown	2,133	2,103	1,862	1,819	1,848	1,858	1,994	2,161
Percent of Total	34.66%	35.45%	32.30%	30.81%	32.13%	32.35%	34.14%	33.26%

Figure 6.2
Orange County
AOD-Related
Hospitalization
Rate per 100,000
Population by
Patient Gender



Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

Table 6.3

Hospitalizations Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Hospitalizations	2,942	2,762	2,643	2,767	2,733	2,695	2,766	3,071
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	102.73	94.63	89.20	92.05	89.94	88.10	89.85	98.57
CALIFORNIA Rate per 100,000	101.28	97.26	93.96	89.36	88.54	85.1	88.17	91.05

Figure 6.3
Orange County
Alcohol -Related
Hospitalization
Rate per 100,000
Total Population
with Comparison
to Statewide Rates

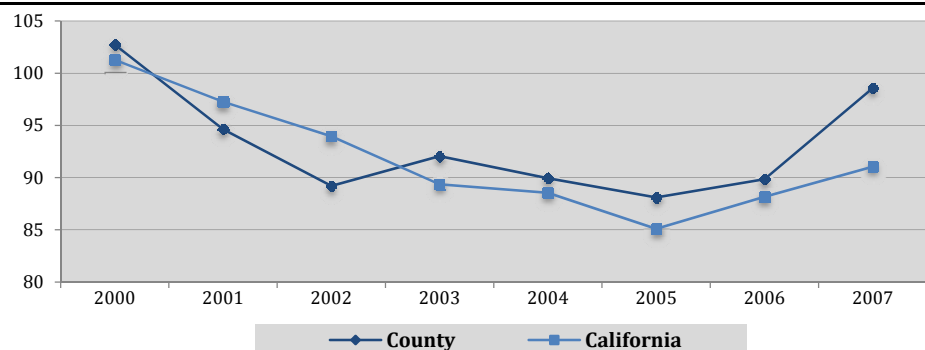
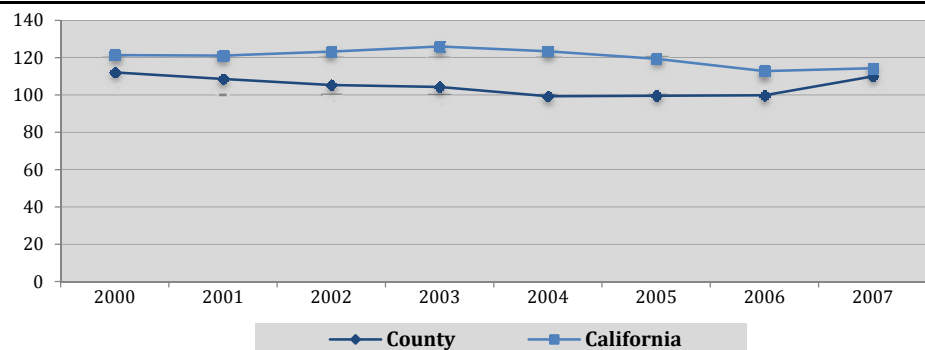


Table 6.4

Hospitalizations Due to *Drug*-Related Causes and Rate per 100,000 Total Population with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Hospitalizations	3,212	3,170	3,121	3,137	3,018	3,048	3,074	3,426
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	112.16	108.61	105.33	104.36	99.32	99.64	99.86	109.97
CALIFORNIA Rate per 100,000	121.44	121.12	123.27	126.04	123.43	119.4	112.84	114.39

Figure 6.4
Orange County
Drug -Related
Hospitalization
Rate per 100,000
Total Population
with Comparison
to Statewide Rates



Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

Table 6.5

Hospitalizations Due to *Alcohol*-Related Causes by Specific Cause and Rate per 100,000 Total Population

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL ALCOHOL-RELATED HOSPITALIZATIONS	2,942	2,762	2,643	2,767	2,733	2,695	2,766	3,071
Alcohol Abuse	164	176	156	145	150	152	164	196
Rate per 100,000	5.73	6.03	5.26	4.82	4.94	4.97	5.33	6.29
Alcohol Cardiomyopathy	11	11	6	15	9	14	12	12
Rate per 100,000	0.38	0.38	0.20	0.50	0.30	0.46	0.39	0.39
Alcohol Dependence Syndrome	952	914	858	865	782	729	816	940
Rate per 100,000	33.24	31.32	28.96	28.78	25.73	23.83	26.51	30.17
Alcohol Dependent Abuse	392	344	321	342	393	393	346	333
Rate per 100,000	5.48	4.71	4.33	4.55	5.17	5.14	4.50	4.28
Alcohol Poisoning	19	18	27	25	22	20	11	11
Rate per 100,000	0.66	0.62	0.91	0.83	0.72	0.65	0.36	0.35
Alcohol Polyneuropathy	6	3	5	3	5	13	3	8
Rate per 100,000	0.21	0.10	0.17	0.10	0.16	0.42	0.10	0.26
Alcohol Psychosis	735	653	653	755	754	747	746	915
Rate per 100,000	25.66	22.37	22.04	25.12	24.81	24.42	24.23	29.37
Alcoholic Gastritis	52	53	78	70	76	53	68	90
Rate per 100,000	1.82	1.82	2.63	2.33	2.50	1.73	2.21	2.89
Alcoholic Liver Disease	611	590	539	547	542	574	579	566
Rate per 100,000	21.34	20.21	18.19	18.20	17.84	18.76	18.81	18.17
Fetal Alcohol Syndrome	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

Table 6.6

Hospitalizations Due to *Drug-Related Causes* by Specific Cause and Rate per 100,000 Total Population

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL DRUG-RELATED HOSPITALIZATIONS	3,212	3,170	3,121	3,137	3,018	3,048	3,074	3,426
Drug Psychosis	470	430	441	460	481	494	469	489
Rate per 100,000	16.41	14.73	14.88	15.30	15.83	16.15	15.24	15.70
Drug Polyneuropathy	2	1	3	0	1	4	3	5
Rate per 100,000	0.07	0.03	0.10	0.00	0.03	0.13	0.10	0.16
Dependence								
Barbituates	45	48	43	33	29	21	34	29
Rate per 100,000	1.57	1.64	1.45	1.10	0.95	0.69	1.10	0.93
Cannabis	53	16	27	32	21	27	30	27
Rate per 100,000	1.85	0.55	0.91	1.06	0.69	0.88	0.97	0.87
Cocaine	63	74	54	66	33	57	50	42
Rate per 100,000	2.20	2.54	1.82	2.20	1.09	1.86	1.62	1.35
Hallucinogen	2	1	0	0	0	1	1	3
Rate per 100,000	0.07	0.03	0.00	0.00	0.00	0.03	0.03	0.10
Inhalant	16	7	2	7	4	3	4	6
Rate per 100,000	0.56	0.24	0.07	0.23	0.13	0.10	0.13	0.19
Morphine	410	410	471	452	342	289	347	375
Rate per 100,000	14.32	14.05	15.90	15.04	11.25	9.45	11.27	12.04
Stimulant	72	88	101	91	95	107	71	78
Rate per 100,000	2.51	3.02	3.41	3.03	3.13	3.50	2.31	2.50
Combination	161	83	78	89	93	126	137	142
Rate per 100,000	5.62	2.84	2.63	2.96	3.06	4.12	4.45	4.56
Unspecified	33	32	23	8	7	1	4	5
Rate per 100,000	1.15	1.10	0.78	0.27	0.23	0.03	0.13	0.16
Maternal Drug Dependence	24	26	21	18	13	11	10	12
Rate per 100,000	0.84	0.89	0.71	0.60	0.43	0.36	0.32	0.39
Abuse								
Amphetamine	14	41	26	33	34	31	17	16
Rate per 100,000	0.49	1.40	0.88	1.10	1.12	1.01	0.55	0.51
Antidepressant	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cannabis	4	27	9	3	1	2	2	3
Rate per 100,000	0.14	0.93	0.30	0.10	0.03	0.07	0.06	0.10
Cocaine	12	16	12	17	12	10	13	10
Rate per 100,000	0.42	0.55	0.40	0.57	0.39	0.33	0.42	0.32
Hallucinogen	0	2	4	1	0	0	1	2
Rate per 100,000	0.00	0.07	0.13	0.03	0.00	0.00	0.03	0.06
Morphine	18	30	12	16	15	3	12	5
Rate per 100,000	0.63	1.03	0.40	0.53	0.49	0.10	0.39	0.16
Sedative	6	6	3	8	5	3	2	2
Rate per 100,000	0.21	0.21	0.10	0.27	0.16	0.10	0.06	0.06
Other, Mixed or Unspecified	25	29	22	14	25	22	16	18
Rate per 100,000	0.87	0.99	0.74	0.47	0.82	0.72	0.52	0.58
Accidental Drug Poisonings	558	568	565	602	588	642	656	746
Rate per 100,000	19.48	19.46	19.07	20.03	19.35	20.99	21.31	23.95
Other Drug Poisonings	140	133	172	174	199	163	173	248
Rate per 100,000	4.89	4.56	5.80	5.79	6.55	5.33	5.62	7.96
Self-Inflicted Drug Poisonings	1,082	1,091	1,022	1,003	1,007	1,022	1,008	1,154
Rate per 100,000	37.78	37.38	34.49	33.37	33.14	33.41	32.74	37.04
Drug Exposure in Newborns	2	6	8	7	10	7	12	7
Rate per 100,000	0.07	0.21	0.27	0.23	0.33	0.23	0.39	0.22
Fetal Damage due to Maternal Drug Use	0	5	2	3	3	2	2	2
Rate per 100,000	0.00	0.17	0.07	0.10	0.10	0.07	0.06	0.06

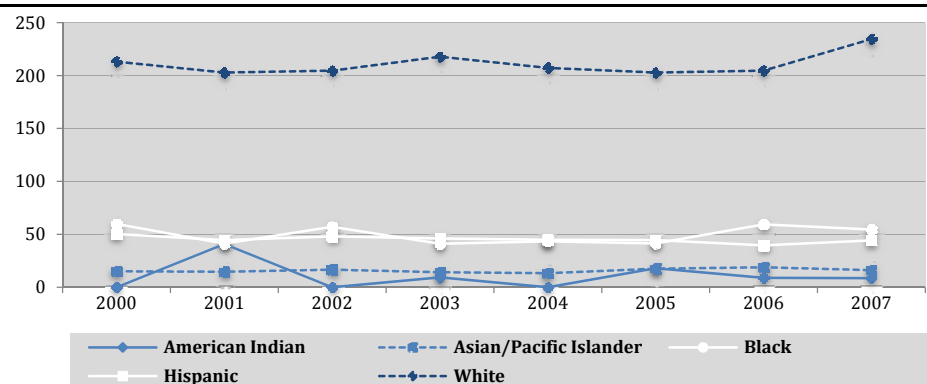
Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

Table 6.7

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Race/Ethnicity, Rate per 100,000 Population, and Percent of Total Hospitalizations

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL AOD-RELATED HOSPITALIZATIONS	6,154	5,932	5,764	5,904	5,751	5,743	5,840	6,497
American Indian	0	4	0	1	0	2	1	1
Population	8,992	9,833	10,374	10,821	110,006	11,122	11,238	11,650
Rate per 100,000	0.00	40.68	0.00	9.24	0.00	17.98	8.90	8.58
Percent of Total	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Asian/Pacific Islander	61	62	73	65	62	83	90	79
Population	406,727	426,549	441,981	456,972	468,096	474,360	479,118	491,871
Rate per 100,000	15.00	14.54	16.52	14.22	13.25	17.50	18.78	16.06
Percent of Total	1.0%	1.0%	1.3%	1.1%	1.1%	1.4%	1.5%	1.2%
Black	26	18	25	18	19	18	26	24
Population	43,532	43,715	43,812	43,881	43,825	43,586	43,759	44,052
Rate per 100,000	59.73	41.18	57.06	41.02	43.35	41.30	59.42	54.48
Percent of Total	0.4%	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%
Hispanic	446	408	454	447	447	453	412	473
Population	886,127	917,263	945,164	972,154	996,501	1,018,365	1,040,486	1,069,277
Rate per 100,000	50.33	44.48	48.03	45.98	44.86	44.48	39.60	44.24
Percent of Total	7.2%	6.9%	7.9%	7.6%	7.8%	7.9%	7.1%	7.3%
White	3,139	2,988	3,009	3,199	3,031	2,947	2,955	3,372
Population	1,472,752	1,473,139	1,470,977	1,468,792	1,463,248	1,452,952	1,444,413	1,438,475
Rate per 100,000	213.14	202.83	204.56	217.80	207.14	202.83	204.58	234.41
Percent of Total	51.0%	50.4%	52.2%	54.2%	52.7%	51.3%	50.6%	51.9%
Other/Unknown	2,482	2,452	2,203	2,174	2,192	2,240	2,356	2,548
Percent of Total	40.3%	41.3%	38.2%	36.8%	38.1%	39.0%	40.3%	39.2%

Figure 6.5
Orange County
AOD-Related
Hospitalization
Rate per 100,000
Population by
Patient Race/
Ethnicity



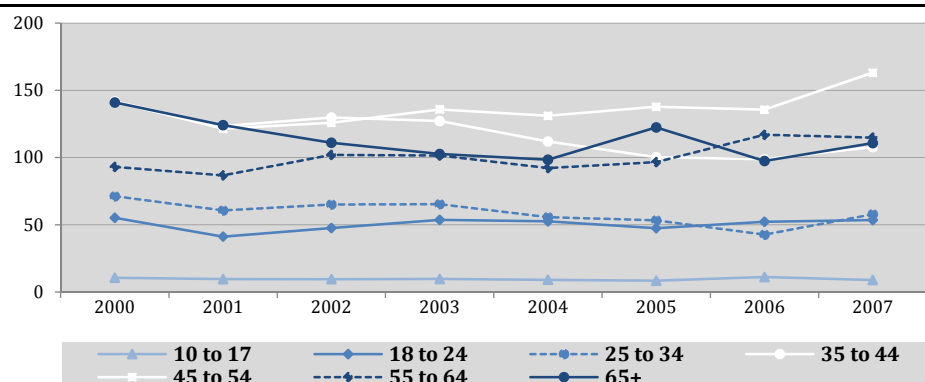
Indicator 6: Hospitalizations Due to Alcohol and Drug Use (Continued)

Table 6.8

Hospitalizations Due to Alcohol- and Drug-Related Causes (Combined) by Patient Age Category, Rate per 100,000 Population, and Percent of Total Hospitalizations

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL AOD-RELATED HOSPITALIZATIONS	6,154	5,932	5,764	5,904	5,751	5,743	5,840	6,497
17 Years and Under	82	75	75	77	72	67	89	72
Population	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758
Rate per 100,000	10.64	9.62	9.54	9.72	9.05	8.40	11.15	8.99
Percent of Total	1.3%	1.3%	1.3%	1.3%	1.3%	1.2%	1.5%	1.1%
18 to 24 Years	147	112	132	152	151	139	153	160
Population	266,235	271,649	277,239	283,312	287,199	293,065	292,811	298,513
Rate per 100,000	55.21	41.23	47.61	53.65	52.58	47.43	52.25	53.60
Percent of Total	2.4%	1.9%	2.3%	2.6%	2.6%	2.4%	2.6%	2.5%
25 to 34 Years	332	282	300	297	248	237	186	252
Population	466,165	464,835	460,718	454,370	444,985	444,506	435,899	435,851
Rate per 100,000	71.22	60.67	65.12	65.37	55.73	53.32	42.67	57.82
Percent of Total	5.4%	4.8%	5.2%	5.0%	4.3%	4.1%	3.2%	3.9%
35 to 44 Years	678	600	637	629	557	499	491	535
Population	478,460	486,587	490,875	494,812	497,557	497,736	497,423	496,395
Rate per 100,000	141.70	123.31	129.77	127.12	111.95	100.25	98.71	107.78
Percent of Total	11.0%	10.1%	11.1%	10.7%	9.7%	8.7%	8.4%	8.2%
45 to 54 Years	515	460	489	542	538	581	588	726
Population	364,223	378,877	388,483	399,357	410,474	421,704	433,387	445,224
Rate per 100,000	141.40	121.41	125.87	135.72	131.07	137.77	135.68	163.06
Percent of Total	8.4%	7.8%	8.5%	9.2%	9.4%	10.1%	10.1%	11.2%
55 to 64 Years	211	207	259	272	259	281	352	358
Population	226,844	238,688	254,050	267,972	280,796	290,779	301,143	311,754
Rate per 100,000	93.02	86.72	101.95	101.50	92.24	96.64	116.89	114.83
Percent of Total	3.4%	3.5%	4.5%	4.6%	4.5%	4.9%	6.0%	5.5%
65 Years and Older	398	359	329	312	306	384	311	362
Population	282,389	289,342	296,308	304,024	311,002	313,751	319,181	326,916
Rate per 100,000	140.94	124.07	111.03	102.62	98.39	122.39	97.44	110.73
Percent of Total	6.5%	6.1%	5.7%	5.3%	5.3%	6.7%	5.3%	5.6%
Other/Unknown	3,791	3,837	3,543	3,623	3,620	3,555	3,670	4,032
Percent of Total	61.6%	64.7%	61.5%	61.4%	62.9%	61.9%	62.8%	62.1%

Figure 6.6
Orange County
AOD-Related
Hospitalization
Rate per 100,000
Population by
Patient Age
Category



Indicator 7: Deaths Due to Alcohol and Drug Use

The number of deaths due to alcohol and drug-related causes and age adjusted death rate per 100,000 population.

Table 7.1

Deaths Due to Alcohol- and Drug-Related Causes (Combined) and Age-Adjusted Rate per 100,000 with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Deaths	359	433	434	463	452	486	524	584
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	13.35	15.71	15.31	15.96	11.81	15.99	16.77	18.35
CALIFORNIA Rate per 100,000	19.03	19.22	20.10	20.90	20.86	21.40	21.27	21.46

Figure 7.1
Orange County
Mortality Age-
Adjusted Rate per
100,000 Total
Population with
Comparison to
Statewide Rates

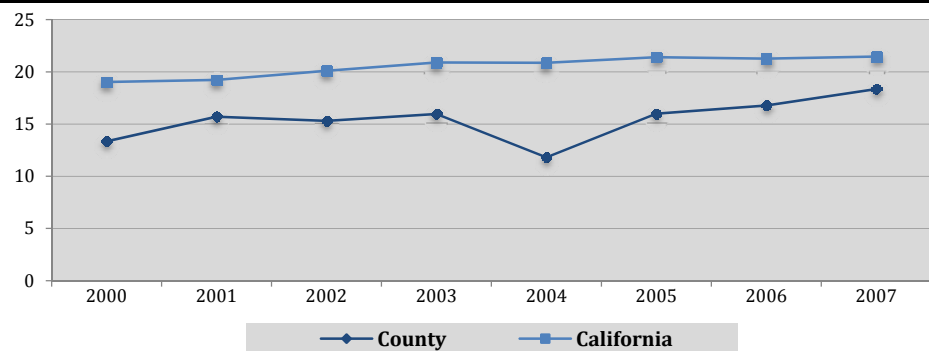
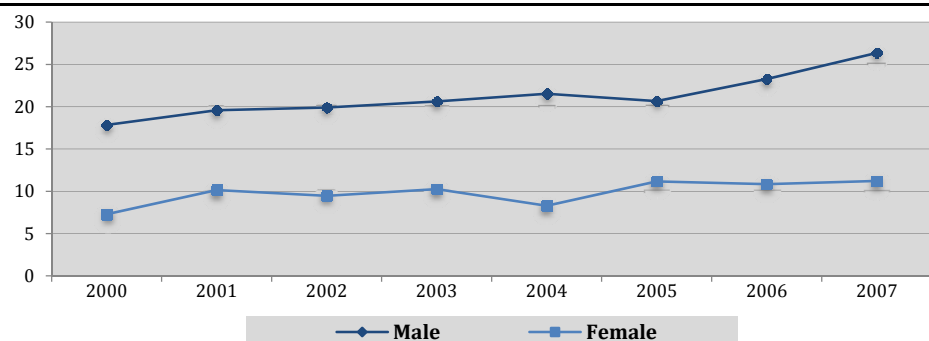


Table 7.2

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Gender of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL AOD-RELATED DEATHS	359	433	434	463	452	486	524	584
Male	254	284	293	308	325	314	356	408
Population	1,424,001	1,450,691	1,472,384	1,493,332	1,509,442	1,519,684	1,529,602	1,547,557
Rate per 100,000	17.84	19.58	19.90	20.63	21.53	20.66	23.27	26.36
Percent of Total	70.75%	65.59%	67.51%	66.52%	71.90%	64.61%	67.94%	69.86%
Female	105	149	141	155	127	172	168	176
Population	1,439,833	1,467,991	1,490,676	1,512,658	1,529,228	1,539,376	1,548,793	1,567,854
Rate per 100,000	7.29	10.15	9.46	10.25	8.30	11.17	10.85	11.23
Percent of Total	29.25%	34.41%	32.49%	33.48%	28.10%	35.39%	32.06%	30.14%

Figure 7.2
Orange County
AOD-Related
Mortality Rate per
100,000
Population by
Decedent Gender



Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

Table 7.3

Deaths Due to *Alcohol*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Deaths	176	228	207	236	198	224	260	291
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	6.15	7.81	6.99	7.85	6.52	7.32	8.45	9.34
CALIFORNIA Rate per 100,000	10.17	10.45	9.96	10.42	10.29	10.79	10.47	10.59

Figure 7.3
Orange County
Alcohol-Related
Mortality Rate per
100,000
Population with
Comparison to
Statewide Rates

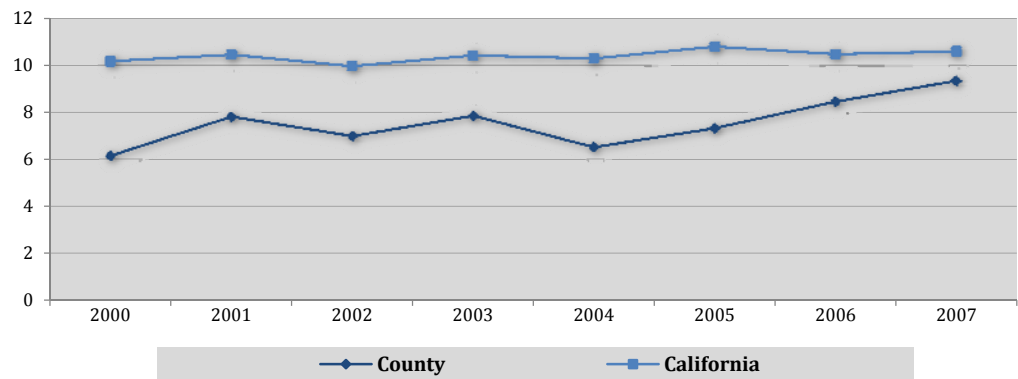
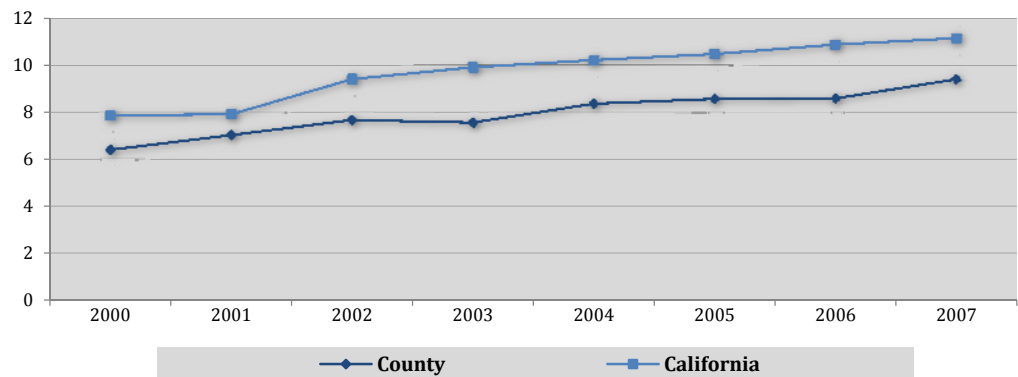


Table 7.4

Deaths Due to *Drug*-Related Causes and Rate per 100,000 Total Population, with Comparison to Statewide Rates

	2000	2001	2002	2003	2004	2005	2006	2007
Number of Deaths	183	205	227	227	254	262	264	293
Total Population	2,863,834	2,918,682	2,963,060	3,005,990	3,038,670	3,059,060	3,078,395	3,115,411
Rate per 100,000	6.39	7.02	7.66	7.55	8.36	8.56	8.58	9.40
CALIFORNIA Rate per 100,000	7.86	7.91	9.41	9.91	10.22	10.48	10.88	11.15

Figure 7.4
Orange County
Drug-Related
Mortality Rate per
100,000
Population with
Comparison to
Statewide Rates



Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

Table 7.5

Deaths Due to *Alcohol*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL ALCOHOL-RELATED DEATHS	176	228	207	236	198	224	260	291
Alcohol Psychosis	2	2	4	3	4	2	6	3
Rate per 100,000	0.07	0.07	0.13	0.10	0.13	0.07	0.19	0.10
Alcohol Abuse	12	21	17	19	17	19	22	3
Rate per 100,000	0.42	0.72	0.57	0.63	0.56	0.62	0.71	0.10
Alcohol Dependence Syndrome	15	12	11	5	10	15	22	20
Rate per 100,000	0.52	0.41	0.37	0.17	0.33	0.49	0.71	0.64
Alcoholic Polyneuropathy	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Degeneration of the Nervous System	3	1	0	0	0	0	1	0
Rate per 100,000	0.10	0.03	0.00	0.00	0.00	0.00	0.03	0.00
Alcoholic Myopathy	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alcoholic Cardiomyopathy	10	12	18	22	12	11	17	22
Rate per 100,000	0.35	0.41	0.61	0.73	0.39	0.36	0.55	0.71
Alcoholic Gastritis	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alcoholic Liver Disease	130	174	154	183	146	173	190	216
Rate per 100,000	4.54	5.96	5.20	6.09	4.80	5.66	6.17	6.93
Fetal Alcohol Syndrome	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fetus and Newborn Affect by Maternal Use of Alcohol	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alcohol Poisoning	1	3	2	3	6	3	2	24
Rate per 100,000	0.03	0.10	0.07	0.10	0.20	0.10	0.06	0.77
Intentional Self-Poisoning (Alcohol)	0	0	0	0	0	1	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
Excessive Blood Level of Alcohol	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alcohol-Induced Pancreatitis	3	3	1	1	3	0	0	3
Rate per 100,000	0.10	0.10	0.03	0.03	0.10	0.00	0.00	0.10

Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

Table 7.6

Deaths Due to *Drug*-Related Causes by Specific Cause, and Rate per 100,000 Total Population

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL DRUG-RELATED DEATHS	183	205	227	227	254	262	264	293
Accidental Drug Poisoning	122	144	167	152	160	175	177	211
Rate per 100,000	4.26	4.93	5.64	5.06	5.27	5.72	5.75	6.77
Intentional Self-Poisoning (Drug)	41	47	40	50	62	38	59	55
Rate per 100,000	1.43	1.61	1.35	1.66	2.04	1.24	1.92	1.77
Intentional Poisoning (Assault)	0	0	1	0	0	3	0	0
Rate per 100,000	0.00	0.00	0.03	0.00	0.00	0.10	0.00	0.00
Other Drug Poisonings	9	4	9	16	20	27	8	15
Rate per 100,000	0.31	0.14	0.30	0.53	0.66	0.88	0.26	0.48
Fetus and Newborn Affect by Maternal Use of Drugs	1	1	1	0	0	1	0	0
Rate per 100,000	0.03	0.03	0.03	0.00	0.00	0.03	0.00	0.00
<i>Mental and Behavioral Disorders due to Use of...</i>								
Cannabinoids	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cocaine	0	0	0	1	0	1	1	0
Rate per 100,000	0.00	0.00	0.00	0.03	0.00	0.03	0.03	0.00
Hallucinogens	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Opioids	0	0	0	0	1	0	5	3
Rate per 100,000	0.00	0.00	0.00	0.00	0.03	0.00	0.16	0.10
Other Psychoactive Substances	9	8	8	8	10	13	13	8
Rate per 100,000	0.31	0.27	0.27	0.27	0.33	0.42	0.42	0.26
Sedatives or Hypnotics	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Solvents	0	0	0	0	0	0	0	0
Rate per 100,000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stimulants	1	1	1	0	1	4	1	1
Rate per 100,000	0.03	0.03	0.03	0.00	0.03	0.13	0.03	0.03

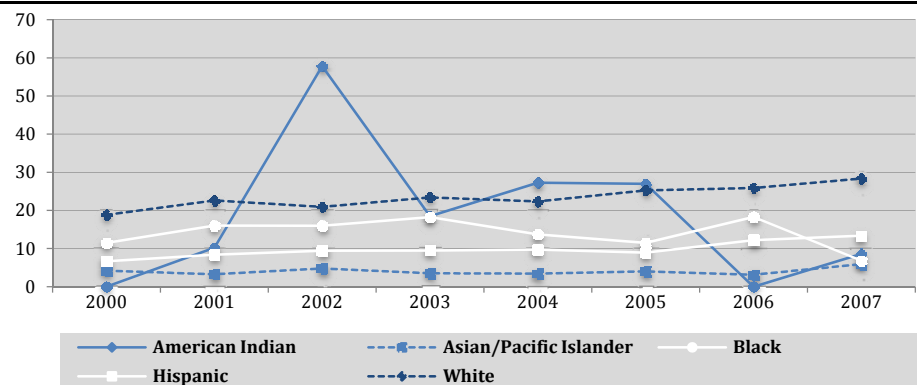
Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

Table 7.7

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Race/Ethnicity of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL AOD-RELATED DEATHS	359	433	434	463	452	486	524	584
American Indian	0	1	6	2	3	3	0	1
Population	8,992	9,833	10,374	10,821	11,006	11,122	11,238	11,650
Rate per 100,000	0.00	10.17	57.84	18.48	27.26	26.97	0.00	8.58
Percent of Total	0.0%	0.2%	1.4%	0.4%	0.7%	0.6%	0.0%	0.2%
Asian/Pacific Islander	17	14	21	16	16	19	15	29
Population	406,727	426,549	441,981	456,972	468,096	474,360	479,118	491,871
Rate per 100,000	4.18	3.28	4.75	3.50	3.42	4.01	3.13	5.90
Percent of Total	4.7%	3.2%	4.8%	3.5%	3.5%	3.9%	2.9%	5.0%
Black	5	7	7	8	6	5	8	3
Population	43,532	43,715	43,812	43,881	43,825	43,586	43,759	44,052
Rate per 100,000	11.49	16.01	15.98	18.23	13.69	11.47	18.28	6.81
Percent of Total	1.4%	1.6%	1.6%	1.7%	1.3%	1.0%	1.5%	0.5%
Hispanic	59	77	89	92	97	91	127	143
Population	886,127	917,263	945,164	972,154	996,501	1,018,365	1,040,486	1,069,277
Rate per 100,000	6.66	8.39	9.42	9.46	9.73	8.94	12.21	13.37
Percent of Total	16.4%	17.8%	20.5%	19.9%	21.5%	18.7%	24.2%	24.5%
White	277	333	308	344	327	367	374	408
Population	1,472,752	1,473,139	1,470,977	1,468,792	1,463,248	1,452,952	1,444,413	1,438,475
Rate per 100,000	18.81	22.60	20.94	23.42	22.35	25.26	25.89	28.36
Percent of Total	77.2%	76.9%	71.0%	74.3%	72.3%	75.5%	71.4%	69.9%
Other	1	1	3	1	3	1	0	0
Percent of Total	0.3%	0.2%	0.7%	0.2%	0.7%	0.2%	0.0%	0.0%

Figure 7.5
Orange County
AOD-Related
Mortality Rate per
100,000
Population by
Decedent Race/
Ethnicity



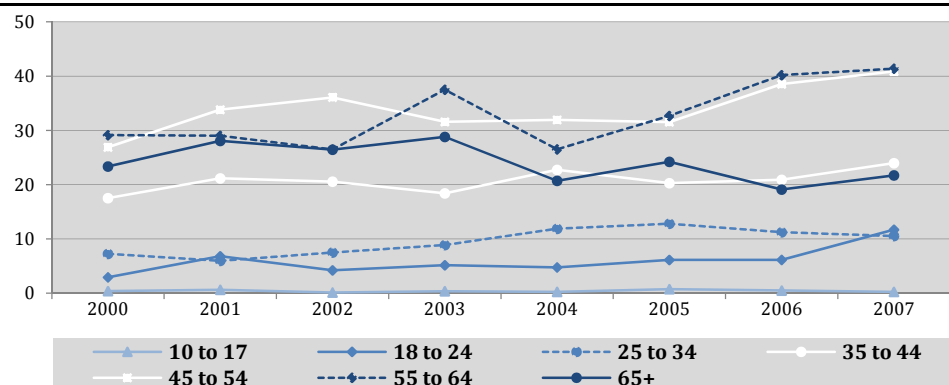
Indicator 7: Deaths Due to Alcohol and Drug Use (Continued)

Table 7.8

Deaths Due to Alcohol- and Drug-Related Causes (Combined) by Age Category of Decedent, Rate per 100,000 Total Population, and Percent of Total AOD-Related Deaths

	2000	2001	2002	2003	2004	2005	2006	2007
TOTAL AOD-RELATED DEATHS	359	433	434	463	452	486	524	584
17 Years and Under	3	5	1	3	2	6	4	2
Population	770,705	779,792	786,413	792,143	795,924	797,519	798,551	800,758
Rate per 100,000	0.39	0.64	0.13	0.38	0.25	0.75	0.50	0.25
Percent of Total	0.8%	1.2%	0.2%	0.6%	0.4%	1.2%	0.8%	0.3%
18 to 24 Years	8	19	12	15	14	18	18	35
Population	271,961	279,144	283,996	290,350	293,250	293,065	292,811	298,513
Rate per 100,000	2.94	6.81	4.23	5.17	4.77	6.14	6.15	11.72
Percent of Total	2.2%	4.4%	2.8%	3.2%	3.1%	3.7%	3.4%	6.0%
25 to 34 Years	34	28	35	41	54	57	49	46
Population	468,467	468,451	465,933	461,775	454,664	444,506	435,899	435,851
Rate per 100,000	7.26	5.98	7.51	8.88	11.88	12.82	11.24	10.55
Percent of Total	9.5%	6.5%	8.1%	8.9%	11.9%	11.7%	9.4%	7.9%
35 to 44 Years	84	103	101	91	113	101	104	119
Population	479,221	486,523	490,894	494,246	496,910	497,736	497,423	496,395
Rate per 100,000	17.53	21.17	20.57	18.41	22.74	20.29	20.91	23.97
Percent of Total	23.4%	23.8%	23.3%	19.7%	25.0%	20.8%	19.8%	20.4%
45 to 54 Years	98	128	140	126	131	133	167	182
Population	364,437	378,495	388,061	398,935	410,044	421,704	433,387	445,224
Rate per 100,000	26.89	33.82	36.08	31.58	31.95	31.54	38.53	40.88
Percent of Total	27.3%	29.6%	32.3%	27.2%	29.0%	27.4%	31.9%	31.2%
55 to 64 Years	66	69	67	100	74	95	121	129
Population	226,564	237,843	252,927	266,579	279,053	290,779	301,143	311,754
Rate per 100,000	29.13	29.01	26.49	37.51	26.52	32.67	40.18	41.38
Percent of Total	18.4%	15.9%	15.4%	21.6%	16.4%	19.5%	23.1%	22.1%
65 Years and Older	66	81	78	87	64	76	61	71
Population	282,479	288,434	294,836	301,962	308,825	313,751	319,181	326,916
Rate per 100,000	23.36	28.08	26.46	28.81	20.72	24.22	19.11	21.72
Percent of Total	18.4%	18.7%	18.0%	18.8%	14.2%	15.6%	11.6%	12.2%

Figure 7.6
Orange County
AOD-Related
Mortality Rate per
100,000
Population by
Decedent Age
Category



SOURCES

Indicator	Agency	Print and Electronic Data Sources
Binge Drinking in the Past Year	UCLA Center for Health Policy Research, California Department of Health Services, Public Health Institute	California Health Interview Survey (CHIS) 2008
Admissions to Alcohol and Other Drug Treatment	California Department of Alcohol and Drug Programs (ADP)	California Alcohol and Drug Data System (CADDs) Admissions Data 2000–2005 California Outcome Measurement System (CalOMS) Admissions Data 2006–2008
Alcohol and Drug-Related Crime	California Department of Justice, Office of the Attorney General, Criminal Justice Statistics Center	California Arrest Data 2000–2008
Drinking and Driving	California Highway Patrol (CHP)	Statewide Integrated Traffic Records System (SWITRS) 2000–2008
Alcohol- and Drug-Related Hospitalizations	Office of Statewide Health Planning and Development (OSHPD)	California Hospital Discharge Data Set, 2000–2007
Alcohol and Drug-Related Mortality	California Department of Public Health, Vital Statistics Section	Death Statistical Masterfile 2000–2007 California Health Status Profiles 2006

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